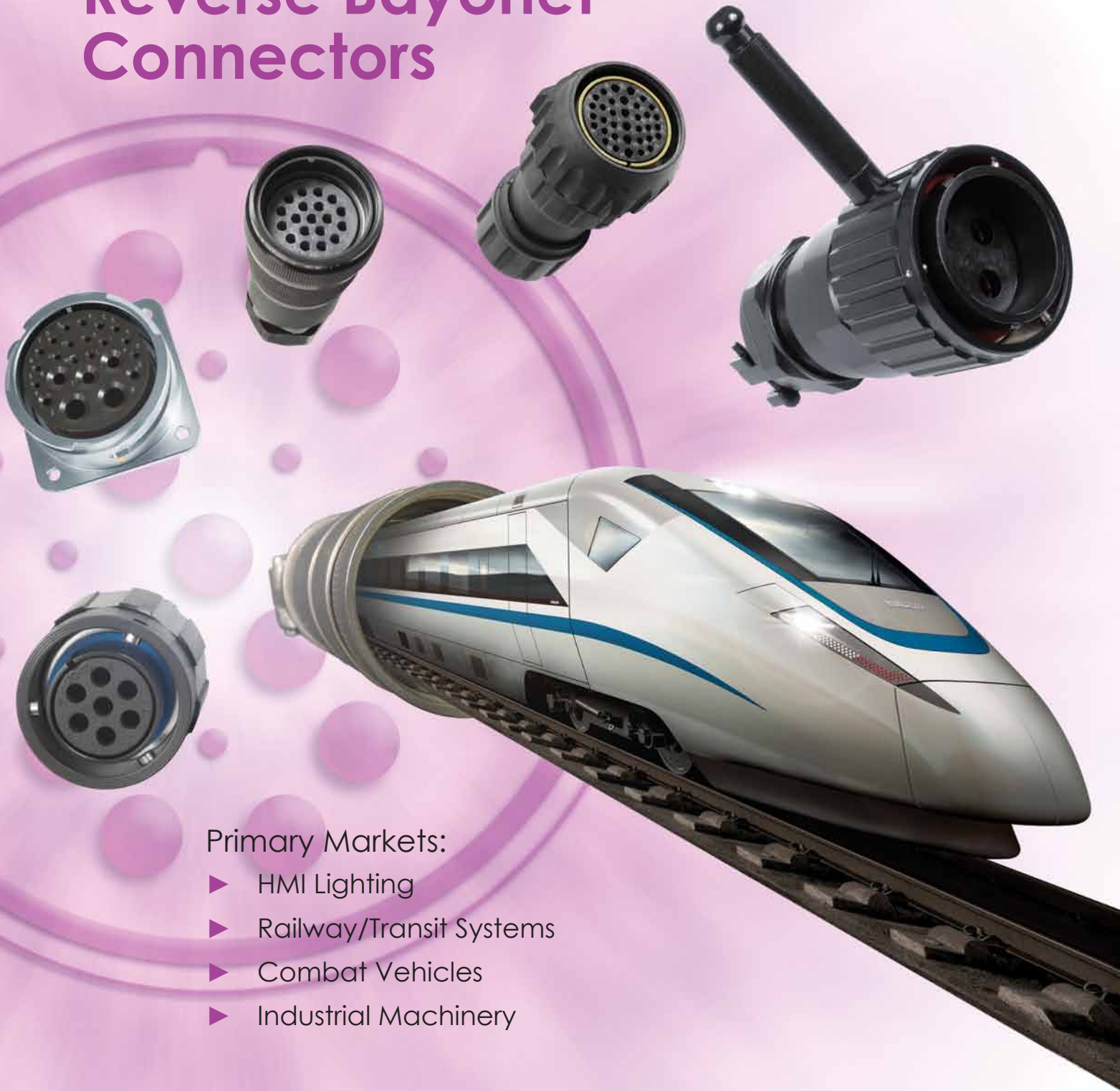


SPACECRAFT COMPONENTS CORP.

Your Connector Consultant Since 1962

Multi-Pin Cylindrical Reverse Bayonet Connectors



Primary Markets:

- ▶ HMI Lighting
- ▶ Railway/Transit Systems
- ▶ Combat Vehicles
- ▶ Industrial Machinery



SPACECRAFT
COMPONENTS CORP.

CATALOG 302

SPACECRAFT AT A GLANCE

**Your Connector Consultant
Since 1962**



Founded in 1962, Spacecraft is a family-owned, leading manufacturer and distributor of cylindrical connectors for the railways/transit, military, aerospace and various harsh environment markets.

As a Manufacturer, Spacecraft's core focus is manufacturing reverse bayonet connectors geared towards railway and transit applications. Our extensive engineering and manufacturing experience with reverse bayonet connectors provides us with the opportunity to offer a broad range of derivative cylindrical products in a short period of time with an assurance of exceptional quality.

As a Distributor, Spacecraft has developed key partnerships with world-class manufacturers whose products encompass MIL-SPEC and harsh environment industrial connectors. We are an authorized MIL-STD-790 value-added assembler for our principal connector manufacturers, such as Souriau, Reiku, Corsair, Sunbank, Astro Tool Corp., Mencom and Ulti-Mate. We stock a wide and deep variety of QPL components which enables us to provide a vast assortment of completed QPL connectors within a three-day turnaround.

As an Organization, Spacecraft prides itself on providing consultative service by utilizing our greatest asset: Our people!

Spacecraft invites you to tour our best-in-class facility located in North Las Vegas, Nevada, USA.

Spacecraft's Core Values

- MIL-STD-790 Certified
- Over 9 Million Connectors in Inventory
- Technical Solutions Oriented
- A Consultative Sales Team
- Vertically Integrated
- Supporter of the Buy American Act



Exceeding Your Quality Expectations

Spacecraft Components Corp. warrants to the original purchaser that it will correct by replacement any defect in workmanship or in-operation of any component purchased from Spacecraft Components Corp. for the life of the equipment in which the component is originally and properly installed. This agreement and warranty supersedes all other warranties expressed or implied.



CIDS (Connector Identification System)

Your Online Source for MIL-SPEC Cylindrical Connectors

Mission Statement

To provide a work environment where our employees can meet their potential and thrive in an atmosphere of excellence by utilizing their strengths and attributes towards supporting our customers, thereby providing superior products and exceptional service which helps our customers gain a competitive advantage in their markets.

Locations

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 Arizona Office 623.580.1162
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1C

2C

3C

4C

5C

6C

7C

MULTI-PIN CYLINDRICAL REVERSE BAYONET SCPB CONNECTORS

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We've Got You Covered



Contact
Spacecraft's
Consultative Sales Team
for Ordering Information



YOUR
**CONNECTOR
CONSULTANT**
SINCE 1962

 **SPACECRAFT
COMPONENTS CORP.**

702.851.7600

SECTION 1C

MIL-DTL-5015 SERIES 1/VG95234 TYPE

REVERSE BAYONET COUPLING

The SCPB connectors shown here are a hybrid of the popular MIL-DTL-5015 Series 1 specification and share the same insert configurations, basic outline and mounting dimensions. Developed to meet severe industrial applications, the design features quick positive coupling, dynamic sealing, temperature range of -55°C to +125°C and high shock and vibration capabilities. Positive coupling is indicated audibly and by feel when the lock pins snap into place. Locking is confirmed visually when yellow dots on the receptacle and plug are in alignment.

VG95234 SPECIFICATION

The SCPB connectors are compatible with and are intermateable with VG95234 European specification connectors. However, the VG95234 specification requires higher push-out forces than standard and does not allow for solder contacts.

Spacecraft Components Corp. SCPB connectors meet the performance requirements of MIL-DTL-5015 Series 1. Performance, reliability and interchangeability with products of other manufacturers are guaranteed.

An extensive accessory range permits these connectors to operate in any environment, and a high number of insert configurations cover every need of the user.

SHELLS

Shell components are fabricated from high grade aluminum alloy per QQ-A-225 or QQ-A-591 or equivalent. Finish is electrically conductive cadmium plate with an olive drab chromate after-treatment per QQ-P-416, Type II, Class 3. This finish offers corrosion resistance to MIL-STD-1344, Method 1001, Test Condition B. Other finishes are available. These connectors are also available in type 303 or 316 stainless steel with passivated, black cadmium or electrodeposited nickel finishes. Contact the Sales Department for further information.

INSERT AND GROMMETS

They are manufactured of synthetic rubber per MIL-R-3065 and offer high dielectric strength and resistance to hydraulic and lubrication oils. Rated temperature range is -55°C to +125°C. A low-smoke, self-extinguishing, halogen-free material is available.

CONTACTS

Pin and socket contacts are machined from bar stock and designed to resist severe vibration and repeated mating cycles. Socket contacts Sizes 16 and 12 are of a closed entry design. Contacts are available in both solder and crimp versions. Thermocouple materials are also available. Standard plating finish is silver with gold being available.







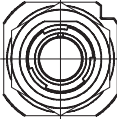
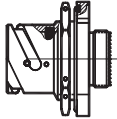






CHARACTERISTICS

- Durable, field-proven design
- Environmental resistant
- Resilient inserts
- Single key/keyway shell polarization
- Operating voltage to 3000 VAC (RMS) at sea level
- Cost effective

OPTIONS

- Solder or crimp contacts, sizes 18 to 4/0 accepting 22 to 4/0 AWG wire
- Coaxial and thermocouple contact options
- 13 basic shell styles
- 12 shell sizes
- Two hundred and seventy-three contact arrangements from 1 to 150 circuits
- Alternate insert positioning








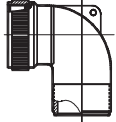
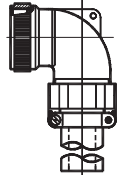
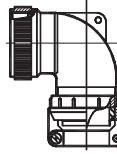
REVERSE BAYONET CONNECTOR QUICK REFERENCE

SHELL TYPES	BACKSHELLS	GROMMET SEAL	CONDUIT ADAPTER		ONE PIECE STRAIN RELIEF	MS3057*A CLAMP		MS3057*C CLAMP	
			SOLID SHELL	LOCKING SHELL		SOLID SHELL	LOCKING SHELL	SOLID SHELL	LOCKING SHELL
ENVIRONMENTAL, NO GROMMET	ARV	A1	AX1	N/A	N/A	N/A	N/A	CF	CFX
ENVIRONMENTAL WITH GROMMET	RV	R	RX	E	F	FX	CFZ	CFZX	
NON-ENVIRONMENTAL, NO GROMMET	N/A	A	AX	AE	AF	AFX	N/A	N/A	
WALL MOUNT RECEPTACLE  	SCP800* FRONT MOUNT	•	•	N/A	•	•	N/A	•	N/A
	SCP8020* FRONT MOUNT	BACKSHELLS NOT SUPPLIED WITH THIS CONFIGURATION OF SHELL							
	SCP8030* REAR MOUNT WITH REAR TEETH	•	•	•	•	•	•	•	•
	SCP8038* REAR MOUNT WITH 90 degree BACKSHELL	USE SCP8030* FOR STRAIGHT BACKSHELLS							
BOX MOUNT RECEPTACLE  	SCP802* FRONT MOUNT (REAR THREADS OPTIONAL)	SINCE THESE SHELLS DO NOT HAVE REAR THREADS, BACKSHELLS CANNOT BE USED							
	SCP803* REAR MOUNT (REAR THREADS OPTIONAL)								
IN-LINE RECEPTACLE  	SCP801*	•	•		•	•		•	
JAM NUT RECEPTACLE  	SCP8070*	•	•	•	•	•	•	•	•
	SCP807* (LESS REAR THREADS)	SINCE THESE SHELLS DO NOT HAVE REAR THREADS, BACKSHELLS CANNOT BE USED							
PLUG    	SCP806* STRAIGHT	•	•	•	•	•	•	•	•
	SCP806*GG* RUBBER COVERED COUPLING NUT	•	•	•	•	•	•	•	•
	SCP8065* HEAVY DUTY RIBBED COUPLING NUT	•	•	N/A	•	•	N/A	•	N/A
	SCP808* 90 degree	USE SCP806* FOR STRAIGHT BACKSHELLS							
	SCP808*GG* RUBBER COVERED COUPLING NUT	USE SCP806* FOR STRAIGHT BACKSHELLS							
PANEL MOUNT PLUG  	SCP8064	SINCE THESE SHELLS DO NOT HAVE REAR THREADS, BACKSHELLS CANNOT BE USED							



REVERSE BAYONET CONNECTOR QUICK REFERENCE

1C

MS3057°C CLAMP (LONG LENGTH)		PIPE THREAD		SHRINK BOOT	SHRINK BOOT	SHRINK BOOT EMI/RFI	CONDUIT ADAPTER	MS3057°A CLAMP	MS3057°C CLAMP
									
SOLID SHELL	LOCKING SHELL	SOLID SHELL	LOCKING SHELL	SOLID SEAL	LOCKING SHELL	LOCKING SHELL	LOCKING SHELL	LOCKING SHELL	LOCKING SHELL
LCF	LCFX	APT	APTX	AG	AG2G	ASB	08R1	N/A	08CFZ
LCFZ	LCFZX	PT	PTX	G	G2G	SB	08R	08F	08CFZ1
N/A	N/A	N/A	N/A	N/A	N/A	N/A	08A	08AF	N/A
•	N/A	•	N/A	•	N/A	•	NOT RECOMMENDED WITH FRONT MOUNT RECEPTACLE		
									→
•	•	•	•	•	•	•	USE SCPB038*	USE SCPB038*	USE SCPB038*
							•	•	•
									→
•		•		•		•	NOT RECOMMENDED FOR USE, CONSULT FACTORY.		
•	•	•	•	•	•	•	CONSULT FACTORY FOR PART NUMBERS		
									→
•	•	•	•	•	•	•	USE SCPB08*	USE SCPB08*	USE SCPB08*
•	•	•	•	•	•	•	USE SCPB08*GG*	USE SCPB08*GG*	USE SCPB08*GG*
•	N/A	•	N/A	•	N/A	N/A	N/A	N/A	N/A
							•	•	•
							•	•	•
									→

SCPB SERIES

ORDERING INFORMATION

SCPB 00 CFZ 18 - 1 S W F80 XXX

SERIES PREFIX

- SCPB** Receptacles with wear pins.
- SCPBS** Receptacles without wear pins.
- SCPBH** Inserts are Halogen free.
- SCPBG06** Plug with EMI/RFI ground spring.

SHELL STYLE

See Table I below.

CLASS

See Table II below.

SHELL SIZE

10SL, 14S, 16S, 16, 18, 20, 22, 24, 28, 32, 36, 40.

INSERT CONFIGURATION

CONTACT STYLE

- P** Pin contacts.
 - R1*** Socket with one (1) Spring. Sizes 8, 4, 1/0, 4/0. See Table IV below.
 - R2*** Socket with two (2) Springs. Sizes 8, 4, 1/0, 4/0. See Table IV below.
 - R3*** Socket with three (3) Springs. Sizes 8, 4, 1/0, 4/0. See Table IV below.
 - S** Socket contacts.
 - T** Pin for R1, R2 or R3 Sockets. See Table III below.
- * Low insertion force and high amperage.

MODIFICATION

- A95** Contact: .000010 gold over .000010 nickel.
 - B1** .245 Flat Band SCPSE-02F Included, Shell Sizes 16-40 (See page 6C-16)
 - B3** .250 Flat Band SCPBE-02F Included, Shell Sizes 16-40 (See page 6C-16)
 - B5** .118 Flat Band SCPSE-04F Included, Shell Sizes 10SL-16S (See page 6C-16)
 - B7** .120 Flat Band SCPBE-04F Included, Shell Sizes 10SL-16S (See page 6C-16)
 - F0** Less contacts.
 - 005** Hard black anodize.
 - 023** Electroless nickel.
 - 024** Zinc cobalt, olive drab color.
 - 025** Zinc cobalt, black color.
 - 098** Stainless steel, passivated.
 - 142** Contacts: .000030 gold over .000050 nickel.
 - 989** Zinc nickel, black.
 - 999** Teflon nickel, non-reflective.
- For other codes, contact Sales Dept.

CONTACT TYPE

- BLANK** Solder termination.
- CR** Metric crimp for DIN wire
- CR1** Metric crimp for AWG wire.
- F0** Less contacts.
- F80** Crimp for AWG wire.

ALTERNATE POSITION (POLARIZATION)

BLANK (normal), **W, X, Y, Z**.

FOR ELECTRICAL CHARACTERISTICS SEE PAGE 3C-2

TABLE I. SHELL STYLE

SHELL STYLE	DESCRIPTION
00	Wall mount receptacle
01	In-line receptacle
01FR	In-line receptacle
02R	Box mount receptacle, front panel mount
020R	Wall mount receptacle less rear accessories
020FR	Wall mount receptacle, front panel mount
03R	Box mount receptacle, rear panel mount
03YM	Box mount receptacle, PC tail rear mount
030	Wall mount receptacle for rear panel mounting
030YM	Wall mount receptacle, PC tail
030FR	Wall mount receptacle
038	90° Wall mount receptacle
06	Straight plug
06FR	Straight plug
064PP	Panel mount plug
064FR	Panel mount plug
065FR	Straight plug
07R	Jam nut receptacle
070	Jam nut receptacle with rear accessory threads
078	Jam nut receptacle with 90° backshell
08	90° plug
TB	Thru-bulkhead receptacle

TABLE III. PIN CONTACTS

CONNECTOR ORDERING CODE	PIN PART NUMBER	SIZE	FOR WIRE SIZE		RATING
			AWG	MM ²	
T	R12-7900-110	8	8	9	100 Amps
T	R12-8500-110	4	4	22	168 Amps
T	R10-9200-110	1/0	1/0	53	304 Amps
T	R10-9798-110	4/0	4/0	107	472 Amps

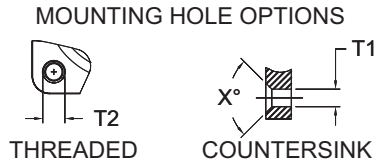
TABLE II. CLASS

APPLICATION	NON-ENVIRONMENTAL	ENVIRONMENTAL WITH GROMMET	ENVIRONMENTAL NO GROMMET
INDIVIDUAL WIRES	A, ARV, LA, LAF	R, LR, R, RV	APT
	AE, AF, LF	E, F, LF	
JACKETED CABLE	-	CFZ, LCFZ	CF, FR(C), FR(PG), FR(SPB), LCF
	-	WKG	FR(C), FR(PG), FR(SPB), WK, WK3
SHIELDED	-	-	WK1
KELLUMS	-	LC, LC3	LCC, LCG4
PG	-	SL1, SLX1	SL, SLX
SHRINK BOOT	-	G, G2G	AG, AG2G, SV
BANDING	-	ST, SU	STG, SUG, SV
SHIELDED	-	SB, SBF, SBT	ASB, ASBF, ASBT, SV
FLEX CONDUIT			
TYPE CL-P	-	NM	NMG
TYPE EF	-	RK	ARK
METAL CORE	-	CMEG	-
RUBBER HOSE	-	-	BC, LP
PMA	-	TRAC	PIL

TABLE IV. SOCKET CONTACTS

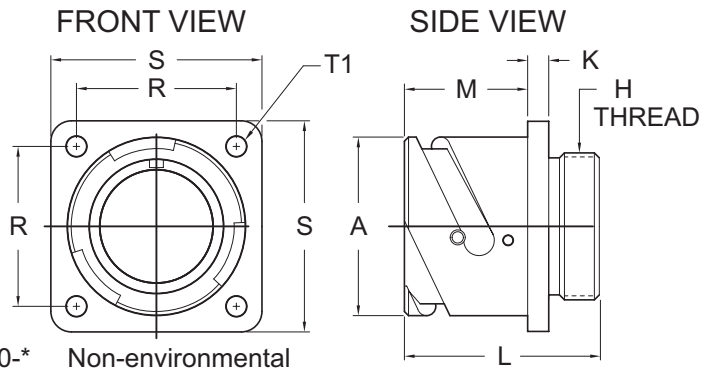
CONNECTOR ORDERING CODE	SOCKET PART NUMBER	SIZE	FOR WIRE SIZE		SPRINGS	RATING
			AWG	MM ²		
R1	T10-7900-110-1	8	8	9	1	46 Amps
R2	T10-7900-110-2				2	73 Amps
R3	T10-7900-110-3				3	85 Amps
R1	T10-8500-110-1	4	4	22	1	80 Amps
R2	T10-8500-110-2				2	135 Amps
R3	T10-8500-110-3				3	168 Amps
R1	T10-9200-110-1	1/0	1/0	53	1	150 Amps
R2	T10-9200-110-2				2	245 Amps
R3	T10-9200-110-3				3	304 Amps
R1	T10-9795-110-1	4/0	4/0	107	1	225 Amps
R2	T10-9795-110-2				2	350 Amps
R3	T10-9795-110-3				3	500 Amps





MOUNTING HOLE CODES

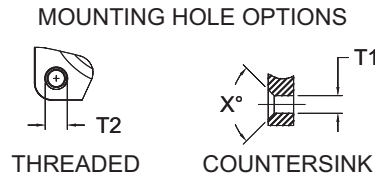
CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)



SCPBO0-* Non-environmental

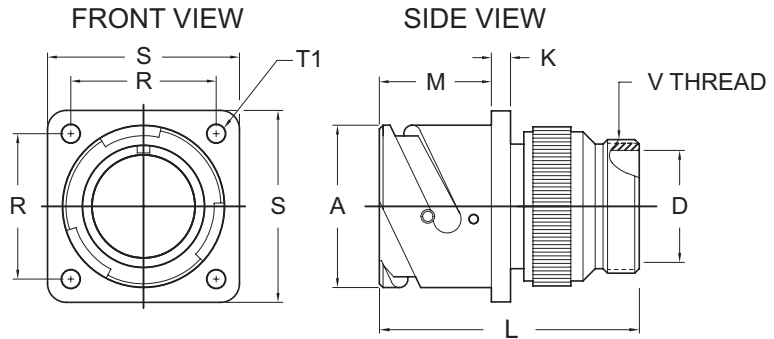
SHELL SIZE	FRONT VIEW				SIDE VIEW					
	R	S	T1	T2 THREAD	A	H	K	L	M	
	±0.1/±0.004	±0.3/±0.012	+0.1/ +.004 -0.0/ -.000		+0.00/ +.000 -0.15/ -.006	THREAD CLASS 2A	±0.2/ ±0.008	±0.3/ ±0.012	+0.4/ +.016 -0.0/ -.000	
				METRIC	UNC					
10SL	18.2/ 0.717	25.4/ 1.000	3.2/ 0.126	M4	8-32UNC	18.2/ 0.717	5/8-24 UNEF	2.8/ 0.110	27.6/ 1.087	14.2/ 0.559
14S	23.0/ 0.906	30.0/ 1.181	3.2/ 0.126	M4	8-32UNC	24.6/ 0.969	3/4-20 UNEF	3.2/ 0.126	27.6/ 1.087	14.3/ 0.563
16S	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	M4	8-32UNC	27.4/ 1.079	7/8-20 UNEF	3.2/ 0.126	27.6/ 1.087	14.0/ 0.551
16	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	M4	8-32UNC	27.4/ 1.079	7/8-20 UNEF	3.2/ 0.126	33.8/ 1.331	19.0/ 0.748
18	27.0/ 1.063	35.0/ 1.378	3.2/ 0.126	M4	8-32UNC	30.8/ 1.213	1-20 UNEF	4.0/ 0.157	33.8/ 1.331	19.1/ 0.752
20	29.4/ 1.157	38.0/ 1.496	3.2/ 0.126	M4	8-32UNC	34.2/ 1.346	1 1/8-18 UNEF	4.0/ 0.157	33.8/ 1.331	19.1/ 0.752
22	31.8/ 1.252	41.0/ 1.614	3.2/ 0.126	M4	8-32UNC	37.4/ 1.472	1 1/4-18 UNEF	4.0/ 0.157	33.8/ 1.331	19.0/ 0.748
24	34.9/ 1.374	44.5/ 1.752	3.7/ 0.146	M4	10-24UNC	40.9/ 1.610	1 3/8-18 UNEF	4.0/ 0.157	35.8/ 1.409	20.6/ 0.811
28	39.7/ 1.563	50.8/ 2.000	3.7/ 0.146	M5	10-24UNC	46.7/ 1.839	1 5/8-18 UNEF	4.0/ 0.157	35.8/ 1.409	20.6/ 0.811
32	44.5/ 1.752	57.0/ 2.244	4.3/ 0.169	M5	1/4-20UNC	53.4/ 2.102	1 7/8-16 UN	4.0/ 0.157	37.3/ 1.469	22.2/ 0.874
36	49.2/ 1.937	63.5/ 2.500	4.3/ 0.169	M5	1/4-20UNC	59.6/ 2.346	2 1/16-16 UN	4.0/ 0.157	37.3/ 1.469	22.2/ 0.874
40	55.5/ 2.185	69.9/ 2.752	4.3/ 0.169	M5	1/4-20UNC	65.5/ 2.579	2 5/16-16 UNS	4.0/ 0.157	37.3/ 1.469	22.2/ 0.874

DIMENSIONS IN ITALIC ARE INCHES.



MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)



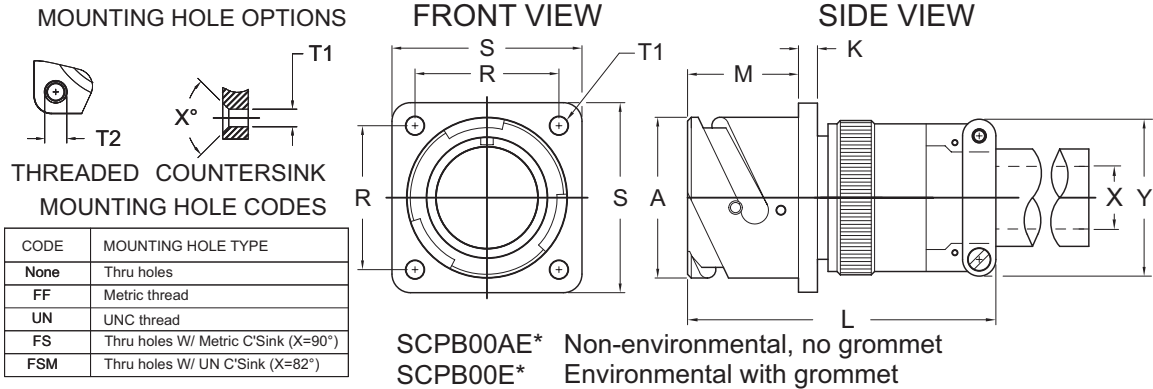
SCPBO0A* Non-environmental, no grommet
SCPBO0R* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW					
	R	S	T1	T2 THREAD	A	D	K	L	M	V	
	±0.1/±0.004	±0.3/±0.012	+0.1/ +.004 -0.0/ -.000		+0.00/ +.000 -0.15/ -.006	MIN.	±0.2/ ±0.008	MAX.	+0.4/ +.016 -0.0/ -.000	THREAD CLASS 2A	
				METRIC	UNC						
10SL	18.2/ 0.717	25.4/ 1.000	3.2/ 0.126	M4	8-32UNC	18.2/ 0.717	8.2/ 0.323	2.8/ 0.110	43/ 1.693	14.2/ 0.559	5/8-24 UNEF
14S	23.0/ 0.906	30.0/ 1.181	3.2/ 0.126	M4	8-32UNC	24.6/ 0.969	11.1/ 0.437	3.2/ 0.126	47/ 1.850	14.3/ 0.563	3/4-20 UNEF
16S	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	M4	8-32UNC	27.4/ 1.079	14.3/ 0.563	3.2/ 0.126	47/ 1.850	14.0/ 0.551	7/8-20 UNEF
16	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	M4	8-32UNC	27.4/ 1.079	14.3/ 0.563	3.2/ 0.126	58/ 2.283	19.0/ 0.748	7/8-20 UNEF
18	27.0/ 1.063	35.0/ 1.378	3.2/ 0.126	M4	8-32UNC	30.8/ 1.213	16.7/ 0.657	4.0/ 0.157	58/ 2.283	19.1/ 0.752	1-20 UNEF
20	29.4/ 1.157	38.0/ 1.496	3.2/ 0.126	M4	8-32UNC	34.2/ 1.346	19.8/ 0.780	4.0/ 0.157	58/ 2.283	19.1/ 0.752	1 3/16-18 UNEF
22	31.8/ 1.252	41.0/ 1.614	3.2/ 0.126	M4	8-32UNC	37.4/ 1.472	19.8/ 0.780	4.0/ 0.157	59/ 2.323	19.0/ 0.748	1 3/16-18 UNEF
24	34.9/ 1.374	44.5/ 1.752	3.7/ 0.146	M4	10-24UNC	40.9/ 1.610	25.4/ 1.000	4.0/ 0.157	61/ 2.402	20.6/ 0.811	1 7/16-18 UNEF
28	39.7/ 1.563	50.8/ 2.000	3.7/ 0.146	M5	10-24UNC	46.7/ 1.839	27.0/ 1.063	4.0/ 0.157	67/ 2.638	20.6/ 0.811	1 7/16-18 UNEF
32	44.5/ 1.752	57.0/ 2.244	4.3/ 0.169	M5	1/4-20UNC	53.4/ 2.102	32.5/ 1.280	4.0/ 0.157	71/ 2.795	22.2/ 0.874	1 3/4-18 UNS
36	49.2/ 1.937	63.5/ 2.500	4.3/ 0.169	M5	1/4-20UNC	59.6/ 2.346	35.7/ 1.406	4.0/ 0.157	72/ 2.835	22.2/ 0.874	2-18 UNS
40	55.5/ 2.185	69.9/ 2.752	4.3/ 0.169	M5	1/4-20UNC	65.5/ 2.579	45.0/ 1.772	4.0/ 0.157	86/ 3.386	22.2/ 0.874	2 1/4-16 UN

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE

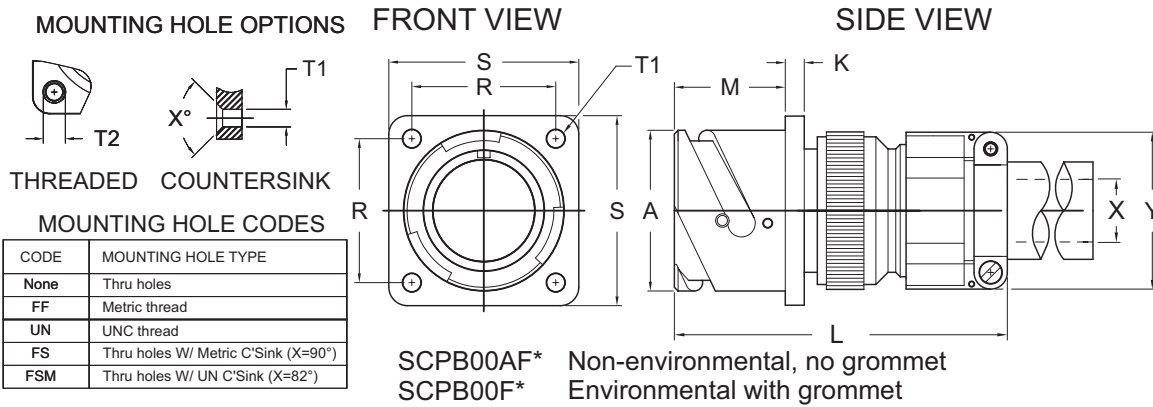
00AE*/00E*



SHELL SIZE	FRONT VIEW					SIDE VIEW					
	R	S	T1	T2		A	K	L	M	X	Y
	±0.1/±.004	±0.3/±.012	+0.1/+0.004 -0.0/-0.000	THREAD		+0.00/+0.000 -0.15/-0.006	±0.2/±.008	MAX	+0.4/+0.016 -0.0/-0.000	MIN	MAX
				METRIC	UNC						
10SL	18.2/ 0.717	25.4/ 1.000	3.2/ 0.126	M4	8-32UNC	18.2/ 0.717	2.8/ 0.110	64/ 2.520	14.2/ 0.559	6.5/ 0.256	22.7/ 0.894
14S	23.0/ 0.906	30.0/ 1.181	3.2/ 0.126	M4	8-32UNC	24.6/ 0.969	3.2/ 0.126	69/ 2.717	14.3/ 0.563	9.0/ 0.354	27.5/ 1.083
16S	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	M4	8-32UNC	27.4/ 1.079	3.2/ 0.126	71/ 2.795	14.0/ 0.551	11.0/ 0.433	30.0/ 1.181
16	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	M4	8-32UNC	27.4/ 1.079	3.2/ 0.126	82/ 3.228	19.0/ 0.748	11.0/ 0.433	30.0/ 1.181
18	27.0/ 1.063	35.0/ 1.378	3.2/ 0.126	M4	8-32UNC	30.8/ 1.213	4.0/ 0.157	82/ 3.228	19.1/ 0.752	14.2/ 0.559	32.2/ 1.268
20	29.4/ 1.157	38.0/ 1.496	3.2/ 0.126	M4	8-32UNC	34.2/ 1.346	4.0/ 0.157	82/ 3.228	19.1/ 0.752	15.8/ 0.622	37.5/ 1.476
22	31.8/ 1.252	41.0/ 1.614	3.2/ 0.126	M4	8-32UNC	37.4/ 1.472	4.0/ 0.157	83/ 3.268	19.0/ 0.748	15.8/ 0.622	37.5/ 1.476
24	34.9/ 1.374	44.5/ 1.752	3.7/ 0.146	M4	10-24UNC	40.9/ 1.610	4.0/ 0.157	87/ 3.425	20.6/ 0.811	21.4/ 0.843	43.3/ 1.705
28	39.7/ 1.563	50.8/ 2.000	3.7/ 0.146	M5	10-24UNC	46.7/ 1.839	4.0/ 0.157	93/ 3.661	20.6/ 0.811	21.4/ 0.843	43.3/ 1.705
32	44.5/ 1.752	57.0/ 2.244	4.3/ 0.169	M5	1/4-20UNC	53.4/ 2.102	4.0/ 0.157	99/ 3.898	22.2/ 0.874	26.7/ 1.051	51.7/ 2.035
36	49.2/ 1.937	63.5/ 2.500	4.3/ 0.169	M5	1/4-20UNC	59.6/ 2.346	4.0/ 0.157	100/ 3.937	22.2/ 0.874	31.7/ 1.248	58.0/ 2.283
40	55.5/ 2.185	69.9/ 2.752	4.3/ 0.169	M5	1/4-20UNC	65.5/ 2.579	4.0/ 0.157	128/ 5.039	22.2/ 0.874	34.9/ 1.374	65.5/ 2.579

DIMENSIONS IN ITALIC ARE INCHES.

00AF*/00F*



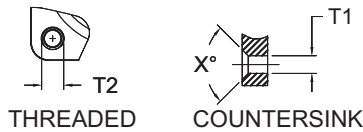
SHELL SIZE	FRONT VIEW					SIDE VIEW					
	R	S	T1	T2		A	K	L	M	X	Y
	±0.1/±.004	±0.3/±.012	+0.1/+0.004 -0.0/-0.000	THREAD		+0.00/+0.000 -0.15/-0.006	±0.2/±.008	MAX	+0.4/+0.016 -0.0/-0.000	MIN	MAX
				METRIC	UNC						
10SL	18.2/ 0.717	25.4/ 1.000	3.2/ 0.126	M4	8-32UNC	18.2/ 0.717	2.8/ 0.110	64/ 2.520	14.2/ 0.559	6.5/ 0.256	22.7/ 0.894
14S	23.0/ 0.906	30.0/ 1.181	3.2/ 0.126	M4	8-32UNC	24.6/ 0.969	3.2/ 0.126	69/ 2.717	14.3/ 0.563	9.0/ 0.354	27.5/ 1.083
16S	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	M4	8-32UNC	27.4/ 1.079	3.2/ 0.126	71/ 2.795	14.0/ 0.551	11.0/ 0.433	30.0/ 1.181
16	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	M4	8-32UNC	27.4/ 1.079	3.2/ 0.126	82/ 3.228	19.0/ 0.748	11.0/ 0.433	30.0/ 1.181
18	27.0/ 1.063	35.0/ 1.378	3.2/ 0.126	M4	8-32UNC	30.8/ 1.213	4.0/ 0.157	82/ 3.228	19.1/ 0.752	14.2/ 0.559	32.2/ 1.268
20	29.4/ 1.157	38.0/ 1.496	3.2/ 0.126	M4	8-32UNC	34.2/ 1.346	4.0/ 0.157	82/ 3.228	19.1/ 0.752	15.8/ 0.622	37.5/ 1.476
22	31.8/ 1.252	41.0/ 1.614	3.2/ 0.126	M4	8-32UNC	37.4/ 1.472	4.0/ 0.157	83/ 3.268	19.0/ 0.748	15.8/ 0.622	37.5/ 1.476
24	34.9/ 1.374	44.5/ 1.752	3.7/ 0.146	M4	10-24UNC	40.9/ 1.610	4.0/ 0.157	87/ 3.425	20.6/ 0.811	21.4/ 0.843	43.3/ 1.705
28	39.7/ 1.563	50.8/ 2.000	3.7/ 0.146	M5	10-24UNC	46.7/ 1.839	4.0/ 0.157	93/ 3.661	20.6/ 0.811	21.4/ 0.843	43.3/ 1.705
32	44.5/ 1.752	57.0/ 2.244	4.3/ 0.169	M5	1/4-20UNC	53.4/ 2.102	4.0/ 0.157	99/ 3.898	22.2/ 0.874	26.7/ 1.051	51.7/ 2.035
36	49.2/ 1.937	63.5/ 2.500	4.3/ 0.169	M5	1/4-20UNC	59.6/ 2.346	4.0/ 0.157	100/ 3.937	22.2/ 0.874	31.7/ 1.248	58.0/ 2.283
40	55.5/ 2.185	69.9/ 2.752	4.3/ 0.169	M5	1/4-20UNC	65.5/ 2.579	4.0/ 0.157	128/ 5.039	22.2/ 0.874	34.9/ 1.374	65.5/ 2.579

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE

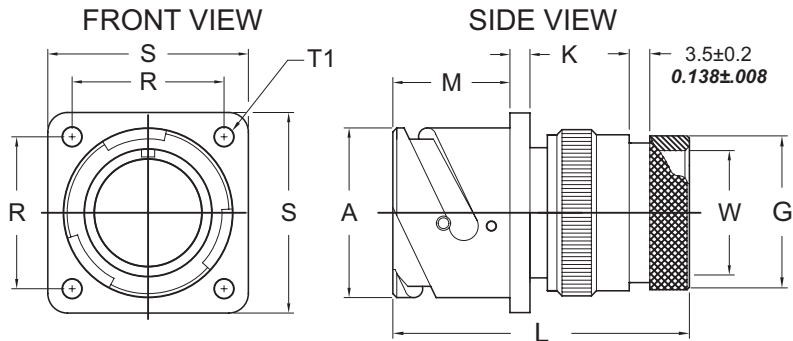
00AG*/00G*

MOUNTING HOLE OPTIONS



MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)



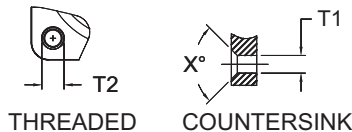
SCPB00AG* Environmental, no grommet
SCPB00G* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW					
	R ±0.1/±.004	S ±0.3/±.012	T1 +0.1/+0.004 -0.0/-0.000	T2 THREAD		A +0.00/+0.000 -0.15/-0.006	G ±0.2/±.008	K ±0.2/±.008	L MAX	M +0.4/+0.016 -0.0/-0.000	W MIN
				METRIC	UNC						
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	15.5/0.610	2.8/0.110	48/1.890	14.2/0.559	8.5/0.335
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	19.1/0.752	3.2/0.126	48/1.890	14.3/0.563	12.0/0.472
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	23.9/0.941	3.2/0.126	48/1.890	14.0/0.551	14.5/0.571
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	23.9/0.941	3.2/0.126	60/2.362	19.0/0.748	14.5/0.571
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	23.9/0.941	4.0/0.157	60/2.362	19.1/0.752	17.5/0.689
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	29.6/1.165	4.0/0.157	65/2.559	19.1/0.752	19.5/0.768
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	29.6/1.165	4.0/0.157	65/2.559	19.0/0.748	22.0/0.866
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	37.8/1.488	4.0/0.157	65/2.559	20.6/0.811	25.0/0.984
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	37.8/1.488	4.0/0.157	65/2.559	20.6/0.811	29.0/1.142
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	47.8/1.882	4.0/0.157	70/2.756	22.2/0.874	34.0/1.339
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	47.8/1.882	4.0/0.157	75/2.953	22.2/0.874	38.5/1.516
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	52.4/2.063	4.0/0.157	77/3.031	22.2/0.874	48.0/1.890

DIMENSIONS IN ITALIC ARE INCHES.

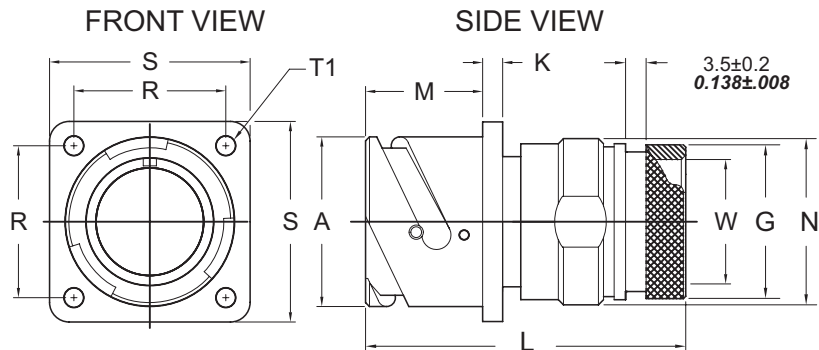
00AG2G*/00G2G*

MOUNTING HOLE OPTIONS



MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)



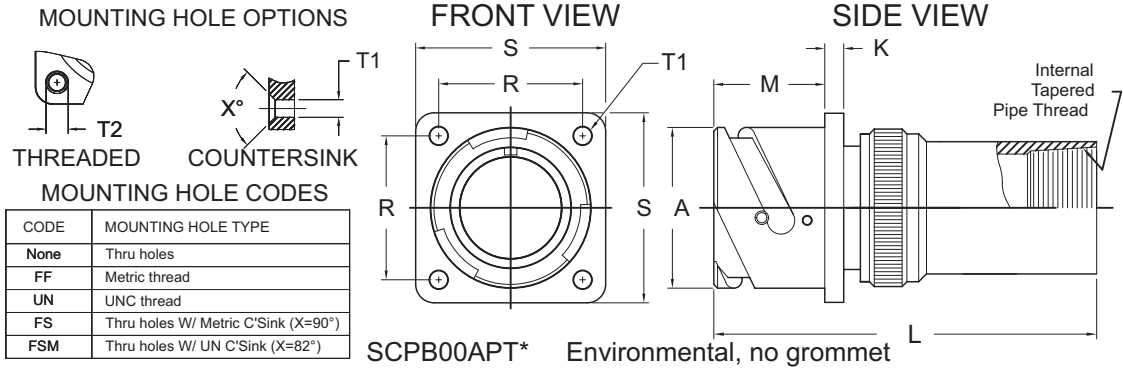
SCPB00AG2G* Environmental, no grommet
SCPB00G2G* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW						
	R	S	T1	T2		A	G	K	L	M	N	W
	±0.1/±.004	±0.3/±.012	+0.1/+0.004 -0.0/-0.000	THREAD		+0.00/+0.000 -0.15/-0.006	±0.2/±.008	±0.2/±.008	APRX	+0.4/+0.016 -0.0/-0.000	MAX	MIN
				METRIC	UNC							
10SL	18.2/0.717	25.4/1.000	3.2/ 0.126	M4	8-32UNC	18.2/0.717	15.5/ 0.610	2.8/0.110	49.8/ 1.961	14.2/0.559	22/0.866	8.5/ 0.335
14S	23.0/0.906	30.0/1.181	3.2/ 0.126	M4	8-32UNC	24.6/ 0.969	19.1/ 0.752	3.2/0.126	49.8/ 1.961	14.3/0.563	25/0.984	12.0/ 0.472
16S	24.6/0.969	32.5/1.280	3.2/ 0.126	M4	8-32UNC	27.4/1.079	23.9/ 0.941	3.2/0.126	50.6/ 1.992	14.0/0.551	28/1.102	14.5/ 0.571
16	24.6/0.969	32.5/1.280	3.2/ 0.126	M4	8-32UNC	27.4/1.079	23.9/ 0.941	3.2/0.126	60.1/ 2.366	19.0/0.748	28/1.102	14.5/ 0.571
18	27.0/1.063	35.0/1.378	3.2/ 0.126	M4	8-32UNC	30.8/ 1.213	23.9/ 0.941	4.0/0.157	59.6/ 2.346	19.1/0.752	31/1.220	17.5/ 0.689
20	29.4/1.157	38.0/1.496	3.2/ 0.126	M4	8-32UNC	34.2/1.346	29.6/ 1.165	4.0/0.157	60.3/ 2.374	19.1/0.752	35/1.378	19.5/ 0.768
22	31.8/1.252	41.0/1.614	3.2/ 0.126	M4	8-32UNC	37.4/1.472	29.6/ 1.165	4.0/0.157	60.3/ 2.374	19.0/0.748	38/1.496	22.0/0.866
24	34.9/1.374	44.5/1.752	3.7/ 0.146	M4	10-24UNC	40.9/ 1.610	37.8/ 1.488	4.0/0.157	62.9/ 2.476	20.6/0.811	41/1.614	25.0/ 0.984
28	39.7/1.563	50.8/2.000	3.7/ 0.146	M5	10-24UNC	46.7/1.839	37.8/ 1.488	4.0/0.157	64.7/ 2.547	20.6/0.811	48/1.890	29.0/ 1.142
32	44.5/1.752	57.0/2.244	4.3/ 0.169	M5	1/4-20UNC	53.4/ 2.102	47.8/ 1.882	4.0/0.157	67.0/ 2.638	22.2/0.874	54/ 2.126	34.0/ 1.339
36	49.2/1.937	63.5/2.500	4.3/ 0.169	M5	1/4-20UNC	59.6/ 2.346	47.8/ 1.882	4.0/0.157	67.0/ 2.638	22.2/0.874	61/ 2.402	38.5/ 1.516
40	55.5/2.185	69.9/2.752	4.3/ 0.169	M5	1/4-20UNC	65.5/ 2.579	52.4/ 2.063	4.0/0.157	67.3/ 2.650	22.2/0.874	68/ 2.677	48.0/ 1.890

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE

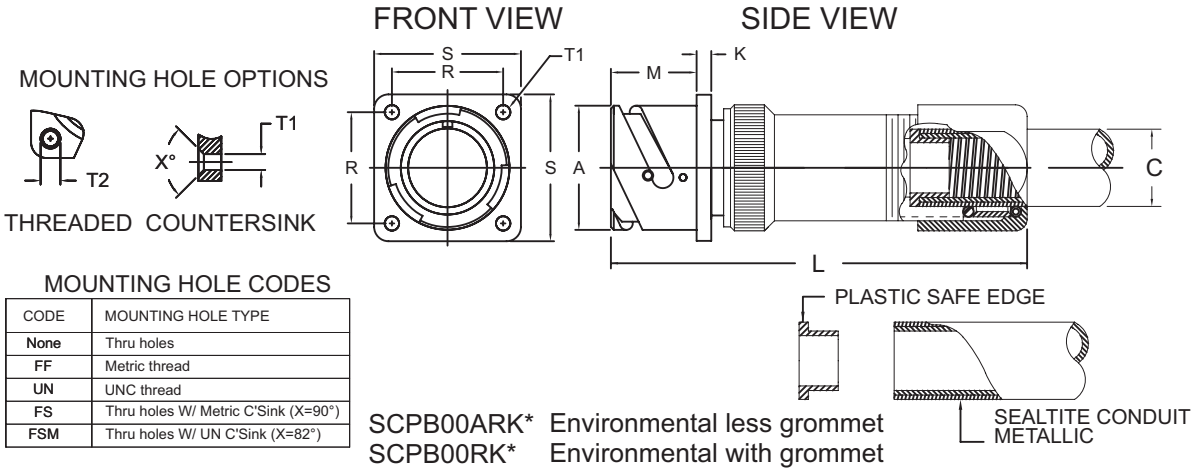
00APT*



SHELL SIZE	FRONT VIEW					SIDE VIEW					
	R	S	T1	T2		A	K	L	M	CODE	PIPE THREAD
	±0.1/ ±.004	±0.3/ ±.012	+0.1/ +.004 -0.0/ -.000	THREAD		+0.00/ +.000 -0.15/ -.006	±0.2/ ±.008	MAX	+0.4/ +.016 -0.0/ -.000		
				METRIC	UNC						
10SL	18.2/ 0.717	25.4/ 1.000	3.2/ 0.126	M4	8-32UNC	18.2/ 0.717	2.8/ 0.110	60/ 2.362	14.2/ 0.559	01	1/8
14S	23.0/ 0.906	30.0/ 1.181	3.2/ 0.126	M4	8-32UNC	24.6/ 0.969	3.2/ 0.126	60/ 2.362	14.3/ 0.563	02	1/4
16S	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	M4	8-32UNC	27.4/ 1.079	3.2/ 0.126	60/ 2.362	14.0/ 0.551	03	3/8
16	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	M4	8-32UNC	27.4/ 1.079	3.2/ 0.126	70/ 2.756	19.0/ 0.748	04	1/2
18	27.0/ 1.063	35.0/ 1.378	3.2/ 0.126	M4	8-32UNC	30.8/ 1.213	4.0/ 0.157	70/ 2.756	19.1/ 0.752	05	3/4
20	29.4/ 1.157	38.0/ 1.496	3.2/ 0.126	M4	8-32UNC	34.2/ 1.346	4.0/ 0.157	70/ 2.756	19.1/ 0.752	06	1
22	31.8/ 1.252	41.0/ 1.614	3.2/ 0.126	M4	8-32UNC	37.4/ 1.472	4.0/ 0.157	70/ 2.756	19.0/ 0.748	07	1 1/4
24	34.9/ 1.374	44.5/ 1.752	3.7/ 0.146	M4	10-24UNC	40.9/ 1.610	4.0/ 0.157	80/ 3.150	20.6/ 0.811	08	1 1/2
28	39.7/ 1.563	50.8/ 2.000	3.7/ 0.146	M5	10-24UNC	46.7/ 1.839	4.0/ 0.157	80/ 3.150	20.6/ 0.811	09	2
32	44.5/ 1.752	57.0/ 2.244	4.3/ 0.169	M5	1/4-20UNC	53.4/ 2.102	4.0/ 0.157	80/ 3.150	22.2/ 0.874	10	2 1/2
36	49.2/ 1.937	63.5/ 2.500	4.3/ 0.169	M5	1/4-20UNC	59.6/ 2.346	4.0/ 0.157	95/ 3.740	22.2/ 0.874		
40	55.5/ 2.185	69.9/ 2.752	4.3/ 0.169	M5	1/4-20UNC	65.5/ 2.579	4.0/ 0.157	95/ 3.740	22.2/ 0.874		

DIMENSIONS IN ITALIC ARE INCHES.

00ARK*/00RK*



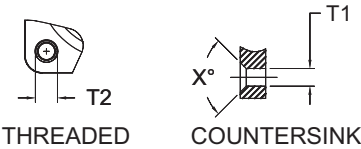
SHELL SIZE	FRONT VIEW					SIDE VIEW					CODE (***)	AVAILABLE CONDUIT SIZES C
	R ±0.1/±.004	S ±0.3/ ±.012	T1 +0.1/+ .004 -0.0/- .000	T2		A +0.00/ +.000 -0.15/ -.006	K ±0.2/ ±.008	L	M +0.4/ +.016 -0.0/ -.000			
				THREAD								
				METRIC	UNC							
10SL	18.2/ 0.717	25.4/ 1.000	3.2/ 0.126	M4	8-32UNC	18.2/ 0.717	2.8/ 0.110	* Dimension L is dependent on the backshell used, the cable fitting and the fitting used. Consult factory.	14.2/ 0.559	(038)	9.52/ 3/8	
14S	23.0/ 0.906	30.0/ 1.181	3.2/ 0.126	M4	8-32UNC	24.6/ 0.969	3.2/ 0.126		14.3/ 0.563	(050)	12.70/ 1/2	
16S	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	M4	8-32UNC	27.4/ 1.079	3.2/ 0.126		14.0/ 0.551	(075)	19.05/ 3/4	
16	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	M4	8-32UNC	27.4/ 1.079	3.2/ 0.126		19.0/ 0.748	(100)	25.40/ 1	
18	27.0/ 1.063	35.0/ 1.378	3.2/ 0.126	M4	8-32UNC	30.8/ 1.213	4.0/ 0.157		19.1/ 0.752	(125)	31.75/ 1 1/4	
20	29.4/ 1.157	38.0/ 1.496	3.2/ 0.126	M4	8-32UNC	34.2/ 1.346	4.0/ 0.157		19.1/ 0.752	(150)	38.10/ 1 1/2	
22	31.8/ 1.252	41.0/ 1.614	3.2/ 0.126	M4	8-32UNC	37.4/ 1.472	4.0/ 0.157		19.0/ 0.748	(200)	50.80/ 2	
24	34.9/ 1.374	44.5/ 1.752	3.7/ 0.146	M4	10-24UNC	40.9/ 1.610	4.0/ 0.157		20.6/ 0.811	(***) Conduit size must be specified as part of the connector part numb using conduit code		
28	39.7/ 1.563	50.8/ 2.000	3.7/ 0.146	M5	10-24UNC	46.7/ 1.839	4.0/ 0.157		20.6/ 0.811			
32	44.5/ 1.752	57.0/ 2.244	4.3/ 0.169	M5	1/4-20UNC	53.4/ 2.102	4.0/ 0.157		22.2/ 0.874			
36	49.2/ 1.937	63.5/ 2.500	4.3/ 0.169	M5	1/4-20UNC	59.6/ 2.346	4.0/ 0.157	22.2/ 0.874				
40	55.5/ 2.185	69.9/ 2.752	4.3/ 0.169	M5	1/4-20UNC	65.5/ 2.579	4.0/ 0.157		22.2/ 0.874			

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE

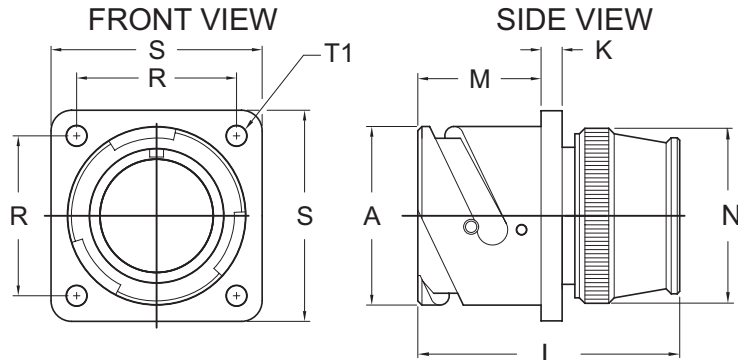
00ARV*/00RV*

MOUNTING HOLE OPTIONS



MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)



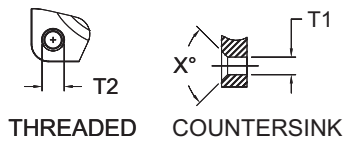
SCP00ARV* Non-environmental, no grommet
SCP00RV* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW				
	R	S	T1	T2		A	K	L	M	N
	±0.1/ ±.004	±0.3/ ±.012	+0.1/ ±.004 -0.0/ -.000	THREAD		+0.00/ +.000 -0.15/ -.006	±0.2/ ±.008	MAX	+0.4/ +.016 -0.0/ -.000	MAX
				METRIC	UNC					
10SL	18.2/ <i>0.717</i>	25.4/ <i>1.000</i>	3.2/ <i>0.126</i>	M4	8-32UNC	18.2/ <i>0.717</i>	2.8/ <i>0.110</i>	40/ <i>1.575</i>	14.2/ <i>0.559</i>	20.0/ <i>0.787</i>
14S	23.0/ <i>0.906</i>	30.0/ <i>1.181</i>	3.2/ <i>0.126</i>	M4	8-32UNC	24.6/ <i>0.969</i>	3.2/ <i>0.126</i>	40/ <i>1.575</i>	14.3/ <i>0.563</i>	24.0/ <i>0.945</i>
16S	24.6/ <i>0.969</i>	32.5/ <i>1.280</i>	3.2/ <i>0.126</i>	M4	8-32UNC	27.4/ <i>1.079</i>	3.2/ <i>0.126</i>	40/ <i>1.575</i>	14.0/ <i>0.551</i>	26.0/ <i>1.024</i>
16	24.6/ <i>0.969</i>	32.5/ <i>1.280</i>	3.2/ <i>0.126</i>	M4	8-32UNC	27.4/ <i>1.079</i>	3.2/ <i>0.126</i>	56/ <i>2.205</i>	19.0/ <i>0.748</i>	26.0/ <i>1.024</i>
18	27.0/ <i>1.063</i>	35.0/ <i>1.378</i>	3.2/ <i>0.126</i>	M4	8-32UNC	30.8/ <i>1.213</i>	4.0/ <i>0.157</i>	56/ <i>2.205</i>	19.1/ <i>0.752</i>	29.5/ <i>1.161</i>
20	29.4/ <i>1.157</i>	38.0/ <i>1.496</i>	3.2/ <i>0.126</i>	M4	8-32UNC	34.2/ <i>1.346</i>	4.0/ <i>0.157</i>	57/ <i>2.244</i>	19.1/ <i>0.752</i>	33.0/ <i>1.299</i>
22	31.8/ <i>1.252</i>	41.0/ <i>1.614</i>	3.2/ <i>0.126</i>	M4	8-32UNC	37.4/ <i>1.472</i>	4.0/ <i>0.157</i>	57/ <i>2.244</i>	19.0/ <i>0.748</i>	36.0/ <i>1.417</i>
24	34.9/ <i>1.374</i>	44.5/ <i>1.752</i>	3.7/ <i>0.146</i>	M4	10-24UNC	40.9/ <i>1.610</i>	4.0/ <i>0.157</i>	59/ <i>2.323</i>	20.6/ <i>0.811</i>	40.0/ <i>1.575</i>
28	39.7/ <i>1.563</i>	50.8/ <i>2.000</i>	3.7/ <i>0.146</i>	M5	10-24UNC	46.7/ <i>1.839</i>	4.0/ <i>0.157</i>	59/ <i>2.323</i>	20.6/ <i>0.811</i>	46.0/ <i>1.811</i>
32	44.5/ <i>1.752</i>	57.0/ <i>2.244</i>	4.3/ <i>0.169</i>	M5	1/4-20UNC	53.4/ <i>2.102</i>	4.0/ <i>0.157</i>	60/ <i>2.362</i>	22.2/ <i>0.874</i>	51.5/ <i>2.028</i>
36	49.2/ <i>1.937</i>	63.5/ <i>2.500</i>	4.3/ <i>0.169</i>	M5	1/4-20UNC	59.6/ <i>2.346</i>	4.0/ <i>0.157</i>	60/ <i>2.362</i>	22.2/ <i>0.874</i>	58.0/ <i>2.283</i>
40	55.5/ <i>2.185</i>	69.9/ <i>2.752</i>	4.3/ <i>0.169</i>	M5	1/4-20UNC	65.5/ <i>2.579</i>	4.0/ <i>0.157</i>	61/ <i>2.402</i>	22.2/ <i>0.874</i>	64.5/ <i>2.539</i>

DIMENSIONS IN ITALIC ARE INCHES.

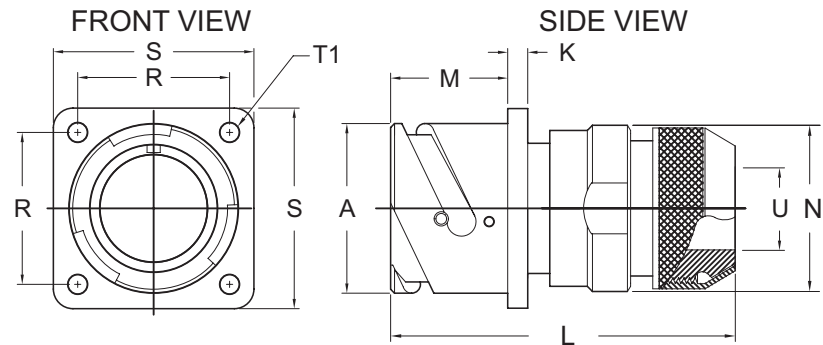
00ASB*/00SB*

MOUNTING HOLE OPTIONS



MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)



SCP00ASB* Environmental, no grommet
SCP00SB* Environmental with grommet

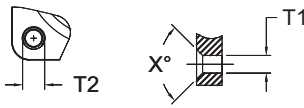
SHELL SIZE	FRONT VIEW					SIDE VIEW				
	R	S	T1	T2		A	K	L	M	N
	±0.1/ ±.004	±0.3/ ±.012	+0.1/ ±.004 -0.0/ -.000	THREAD		+0.00/ +.000 -0.15/ -.006	±0.2/ ±.008	MAX	+0.4/ +.016 -0.0/ -.000	MAX
				METRIC	UNC					
10SL	18.2/ <i>0.717</i>	25.4/ <i>1.000</i>	3.2/ <i>0.126</i>	M4	8-32UNC	18.2/ <i>0.717</i>	2.8/ <i>0.110</i>	52.2/ <i>2.055</i>	14.2/ <i>0.559</i>	22/ <i>0.866</i>
14S	23.0/ <i>0.906</i>	30.0/ <i>1.181</i>	3.2/ <i>0.126</i>	M4	8-32UNC	24.6/ <i>0.969</i>	3.2/ <i>0.126</i>	52.2/ <i>2.055</i>	14.3/ <i>0.563</i>	25/ <i>0.984</i>
16S	24.6/ <i>0.969</i>	32.5/ <i>1.280</i>	3.2/ <i>0.126</i>	M4	8-32UNC	27.4/ <i>1.079</i>	3.2/ <i>0.126</i>	54.2/ <i>2.134</i>	14.0/ <i>0.551</i>	28/ <i>1.102</i>
16	24.6/ <i>0.969</i>	32.5/ <i>1.280</i>	3.2/ <i>0.126</i>	M4	8-32UNC	27.4/ <i>1.079</i>	3.2/ <i>0.126</i>	63.3/ <i>2.492</i>	19.0/ <i>0.748</i>	28/ <i>1.102</i>
18	27.0/ <i>1.063</i>	35.0/ <i>1.378</i>	3.2/ <i>0.126</i>	M4	8-32UNC	30.8/ <i>1.213</i>	4.0/ <i>0.157</i>	64.5/ <i>2.539</i>	19.1/ <i>0.752</i>	31/ <i>1.220</i>
20	29.4/ <i>1.157</i>	38.0/ <i>1.496</i>	3.2/ <i>0.126</i>	M4	8-32UNC	34.2/ <i>1.346</i>	4.0/ <i>0.157</i>	64.5/ <i>2.539</i>	19.1/ <i>0.752</i>	35/ <i>1.378</i>
22	31.8/ <i>1.252</i>	41.0/ <i>1.614</i>	3.2/ <i>0.126</i>	M4	8-32UNC	37.4/ <i>1.472</i>	4.0/ <i>0.157</i>	64.5/ <i>2.539</i>	19.0/ <i>0.748</i>	38/ <i>1.496</i>
24	34.9/ <i>1.374</i>	44.5/ <i>1.752</i>	3.7/ <i>0.146</i>	M4	10-24UNC	40.9/ <i>1.610</i>	4.0/ <i>0.157</i>	65.2/ <i>2.567</i>	20.6/ <i>0.811</i>	41/ <i>1.614</i>
28	39.7/ <i>1.563</i>	50.8/ <i>2.000</i>	3.7/ <i>0.146</i>	M5	10-24UNC	46.7/ <i>1.839</i>	4.0/ <i>0.157</i>	65.2/ <i>2.567</i>	20.6/ <i>0.811</i>	48/ <i>1.890</i>
32	44.5/ <i>1.752</i>	57.0/ <i>2.244</i>	4.3/ <i>0.169</i>	M5	1/4-20UNC	53.4/ <i>2.102</i>	4.0/ <i>0.157</i>	66.8/ <i>2.630</i>	22.2/ <i>0.874</i>	54/ <i>2.126</i>
36	49.2/ <i>1.937</i>	63.5/ <i>2.500</i>	4.3/ <i>0.169</i>	M5	1/4-20UNC	59.6/ <i>2.346</i>	4.0/ <i>0.157</i>	66.8/ <i>2.630</i>	22.2/ <i>0.874</i>	61/ <i>2.402</i>
40	55.5/ <i>2.185</i>	69.9/ <i>2.752</i>	4.3/ <i>0.169</i>	M5	1/4-20UNC	65.5/ <i>2.579</i>	4.0/ <i>0.157</i>	66.8/ <i>2.630</i>	22.2/ <i>0.874</i>	68/ <i>2.677</i>

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE

00ASBF*/00SBF*

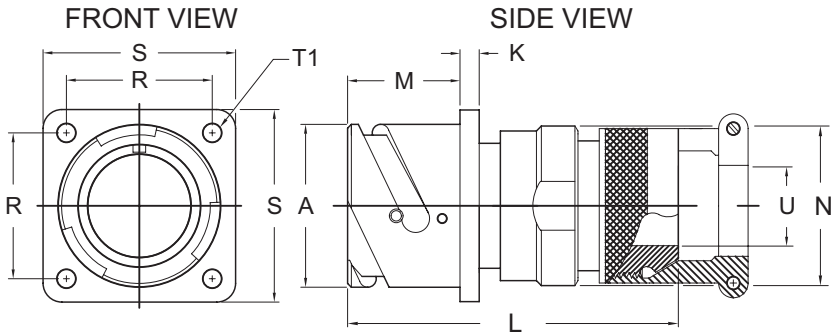
MOUNTING HOLE OPTIONS



THREADED COUNTERSINK

MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)



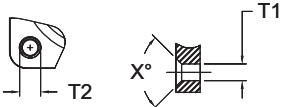
SCPB00ASBF* Environmental, no grommet
SCPB00SBF* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW					
	R	S	T1	T2 THREAD		A	K	L	M	N	U
	±0.1/±.004	±0.3/±.012	+0.1/+0.004 -0.0/-0.000	METRIC	UNC	+0.00/+0.000 -0.15/-0.006	±0.2/±.008	MAX	+0.4/+0.016 -0.0/-0.000	MAX	MIN
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	52.2/2.055	14.2/0.559	22/0.866	8.6/0.339
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	52.2/2.055	14.3/0.563	25/0.984	10.6/0.417
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	54.2/2.134	14.0/0.551	28/1.102	13.5/0.531
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	63.3/2.492	19.0/0.748	28/1.102	13.5/0.531
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	64.5/2.539	19.1/0.752	31/1.220	14.6/0.575
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	64.5/2.539	19.1/0.752	35/1.378	18.5/0.728
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	64.5/2.539	19.0/0.748	38/1.496	20.8/0.819
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	65.2/2.567	20.6/0.811	41/1.614	24.6/0.969
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	65.2/2.567	20.6/0.811	48/1.890	27.0/1.063
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157	66.8/2.630	22.2/0.874	54/2.126	33.3/1.311
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157	66.8/2.630	22.2/0.874	61/2.402	38.5/1.516
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157	66.8/2.630	22.2/0.874	68/2.677	46.0/1.811

DIMENSIONS IN ITALIC ARE INCHES.

00ASBT*/00SBT*

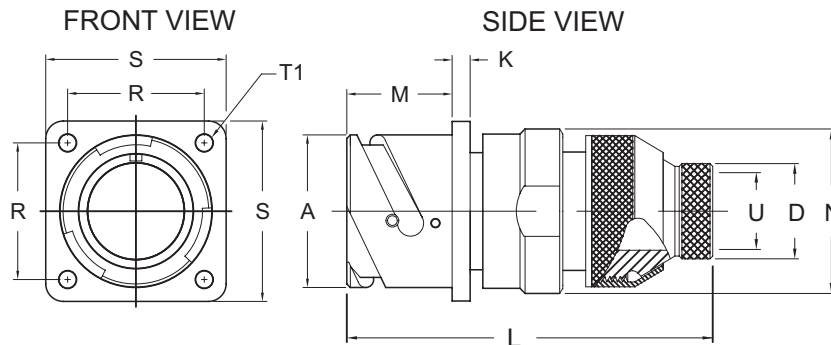
MOUNTING HOLE OPTIONS



THREADED COUNTERSINK

MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)



SCPB00ASBT* Non-environmental, no grommet
SCPB00SBT* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW					
	R	S	T1	T2 THREAD		A	D	K	L	M	U
	±0.1/±.004	±0.3/±.012	+0.1/+0.004 -0.0/-0.000	METRIC	UNC	+0.00/+0.000 -0.15/-0.006	MAX	±0.2/±.008	MAX	+0.4/+0.016 -0.0/-0.000	MIN
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	11.1/0.437	2.8/0.110	61/2.402	14.2/0.559	7.6/0.299
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	14.3/0.563	3.2/0.126	64/2.520	14.3/0.563	10.8/0.425
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	15.9/0.626	3.2/0.126	70/2.756	14.0/0.551	12.4/0.488
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	15.9/0.626	3.2/0.126	80/3.150	19.0/0.748	12.4/0.488
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	19.1/0.752	4.0/0.157	80/3.150	19.1/0.752	15.6/0.614
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	22.3/0.878	4.0/0.157	80/3.150	19.1/0.752	18.7/0.736
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	25.4/1.000	4.0/0.157	80/3.150	19.0/0.748	21.9/0.862
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	28.6/1.126	4.0/0.157	80/3.150	20.6/0.811	25.1/0.988
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	31.8/1.252	4.0/0.157	80/3.150	20.6/0.811	28.3/1.114
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	36.6/1.440	4.0/0.157	80/3.150	22.2/0.874	33.3/1.311
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	44.5/1.752	4.0/0.157	85/3.346	22.2/0.874	41.0/1.614
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	50.8/2.000	4.0/0.157	85/3.346	22.2/0.874	46.0/1.811

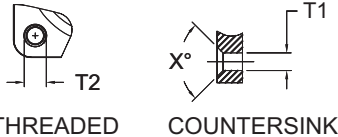
DIMENSIONS IN ITALIC ARE INCHES.

1. DIMENSION L WILL VARY FROM THE VALUES INDICATED FOR SOME SPECIAL INSERT CONFIGURATIONS.

WALL MOUNT RECEPTACLE

00CF*/00CFZ*

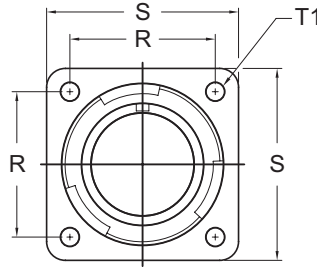
MOUNTING HOLE OPTIONS



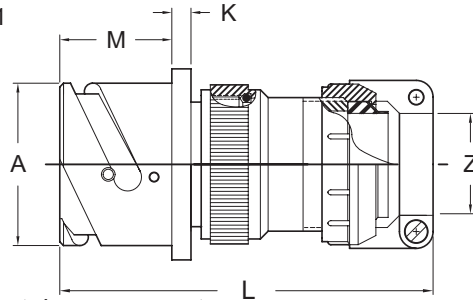
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)

FRONT VIEW



SIDE VIEW



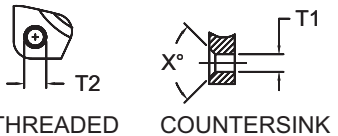
SCPB00CF* Environmental, no grommet
SCPB00CFZ* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW						
	R	S	T1	T2		A	K	L	M	Z		
	±0.1/±.004	±0.3/±.012	+0.1/±.004 -0.0/-0.000	THREAD		+0.00/±.000 -0.15/-0.006	±0.2/±.008	MAX	+0.4/±.016 -0.0/-0.000	OPEN	CLOSED	
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	73/2.874	14.2/0.559	7.93/0.312	2.38/0.094	
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	77/3.031	14.3/0.563	11.12/0.438	5.84/0.230	
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	77/3.031	14.0/0.551	13.48/0.531	8.0/0.315	
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	88/3.465	19.0/0.748	13.48/0.531	8.0/0.315	
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	91/3.583	19.1/0.752	15.87/0.625	9.6/0.378	
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	91/3.583	19.1/0.752	19.00/0.748	11.3/0.445	
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	92/3.622	19.0/0.748	19.00/0.748	11.3/0.445	
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	97/3.819	20.6/0.811	23.80/0.937	15.5/0.610	
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	103/4.055	20.6/0.811	23.80/0.937	15.5/0.610	
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157	113/4.449	22.2/0.874	31.75/1.250	23.4/0.921	
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157	120/4.724	22.2/0.874	35.00/1.381	23.4/0.921	
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157	135/5.315	22.2/0.874	41.25/1.624	29.9/1.177	

DIMENSIONS IN ITALIC ARE INCHES.

00CMEG*

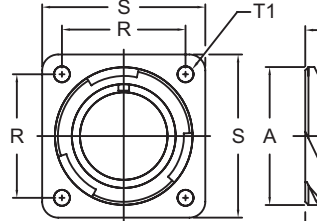
MOUNTING HOLE OPTIONS



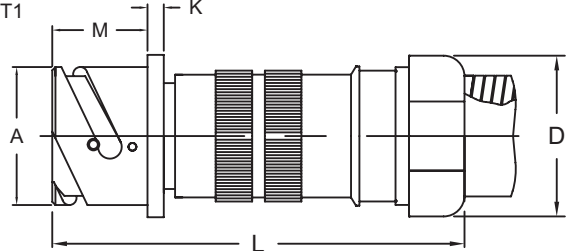
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)

FRONT VIEW



SIDE VIEW



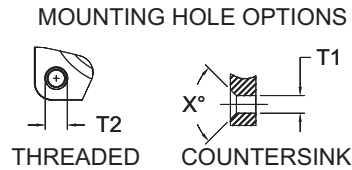
SCPB00CMEG* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW				CONDUIT SIZE			
	R	S	T1	T2		A	K	L	M	CABLE CODE	ELECTRI-FLEX CONDUIT TRADE SIZE	SHELL SIZE	D APRX.
	±0.1/±.004	±0.3/±.012	+0.1/±.004 -0.0/-0.000	THREAD		+0.00/±.000 -0.15/-0.006	±0.2/±.008		+0.4/±.016 -0.0/-0.000				
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110		14.2/0.559				
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126		14.3/0.563				
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126		14.0/0.551				
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126		19.0/0.748				
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157		19.1/0.752				
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157		19.1/0.752				
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157		19.0/0.748				
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157		20.6/0.811				
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157		20.6/0.811				
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157		22.2/0.874				
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157		22.2/0.874				
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157		22.2/0.874				

DIMENSIONS IN ITALIC ARE INCHES.

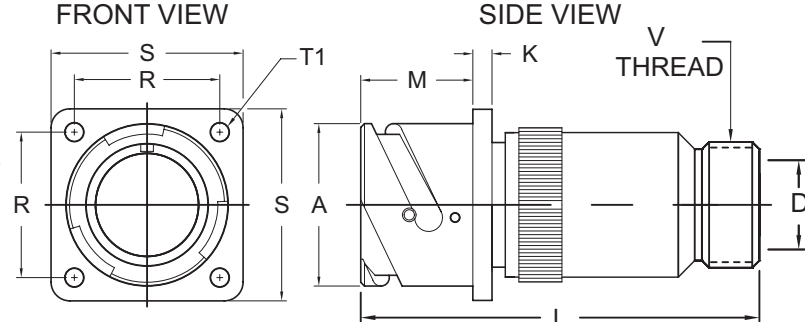
WALL MOUNT RECEPTACLE

00LA*/00LR*



MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)



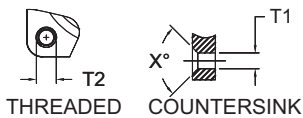
SCPB00LA* Non-environmental, no grommet
SCPB00LR* Environmental with grommet

SHELL SIZE	FRONT VIEW				SIDE VIEW						
	R	S	T1	T2		A	D	K	L	M	V
	±0.1/±.004	±0.3/±.012	+0.1/+0.004 -0.0/-0.000	THREAD		+0.00/+0.000 -0.15/-0.006	MIN.	±0.2/±.008	MAX.	+0.4/+0.016 -0.0/-0.000	THREAD CLASS 2A
				METRIC	UNC						
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	8.2/0.323	2.8/0.110	71/2.79	14.2/0.559	5/8-24 UNEF
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	11.1/0.437	3.2/0.126	71/2.79	14.3/0.563	3/4-20 UNEF
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	14.3/0.563	3.2/0.126	71/2.79	14.0/0.551	7/8-20 UNEF
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	14.3/0.563	3.2/0.126	87/3.42	19.0/0.748	7/8-20 UNEF
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	16.7/0.657	4.0/0.157	87/3.42	19.1/0.752	1-20 UNEF
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	19.8/0.780	4.0/0.157	87/3.42	19.1/0.752	1 3/16-18 UNEF
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	19.8/0.780	4.0/0.157	87/3.42	19.0/0.748	1 3/16-18 UNEF
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	25.4/1.000	4.0/0.157	87/3.42	20.6/0.811	1 7/16-18 UNEF
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	27.0/1.063	4.0/0.157	95/3.74	20.6/0.811	1 7/16-18 UNEF
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	32.5/1.280	4.0/0.157	95/3.74	22.2/0.874	1 3/4-18 UNS
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	35.7/1.406	4.0/0.157	95/3.74	22.2/0.874	2-18 UNS
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	45.0/1.772	4.0/0.157	95/3.74	22.2/0.874	2 1/4-16 UN

DIMENSIONS IN ITALIC ARE INCHES.

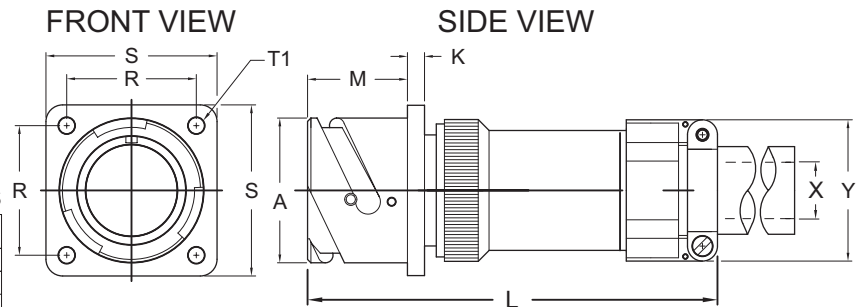
00LAF*/00LFF*

MOUNTING HOLE OPTIONS



MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)



SCPB00LAF* Non-environmental, no grommet
SCPB00LFF* Environmental with grommet

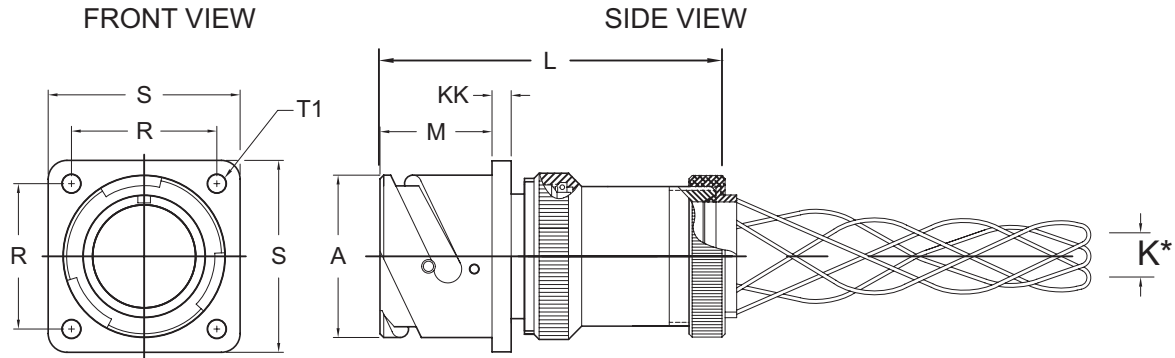
SHELL SIZE	FRONT VIEW				SIDE VIEW						
	R	S	T1	T2		A	K	L	M	X	Y
	±0.1/±.004	±0.3/±.012	+0.1/+0.004 -0.0/-0.000	THREAD		+0.00/+0.000 -0.15/-0.006	±0.2/±.008	MAX	+0.4/+0.016 -0.0/-0.000	MIN	MAX
				METRIC	UNC						
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	92/3.622	14.2/0.559	5.6/0.220	22.7/0.894
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	93/3.661	14.3/0.563	7.9/0.311	27.5/1.083
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	95/3.740	14.0/0.551	11.0/0.433	30.0/1.181
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	111/4.370	19.0/0.748	11.0/0.433	30.0/1.181
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	111/4.370	19.1/0.752	14.2/0.559	32.2/1.268
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	111/4.370	19.1/0.752	15.8/0.622	37.5/1.476
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	111/4.370	19.0/0.748	15.8/0.622	37.5/1.476
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	113/4.449	20.6/0.811	19.0/0.748	43.3/1.705
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	121/4.764	20.6/0.811	19.0/0.748	43.3/1.705
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157	123/4.842	22.2/0.874	23.8/1.051	51.7/2.035
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157	125/4.921	22.2/0.874	31.7/1.248	58.0/2.283
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157	138/5.433	22.2/0.874	34.9/1.374	65.5/2.579

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE

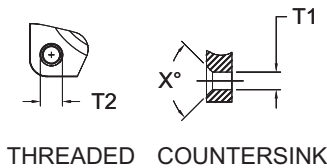
00LCG*/00LC*

1C



SCPB00LCG* Environmental, no grommet
SCPB00LC* Environmental with grommet

MOUNTING HOLE OPTIONS



THREADED COUNTERSINK

MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)

K*	CABLE RANGE	
	MIN	MAX
K0	6.35 / 0.250	9.53 / 0.375
K1	9.53 / 0.375	12.7 / 0.500
K2	12.7 / 0.500	15.87 / 0.625
K3	15.87 / 0.625	19.05 / 0.750
K4	19.05 / 0.750	22.23 / 0.875
K5	22.23 / 0.875	25.40 / 1.000
K6	25.40 / 1.000	28.45 / 1.120
K7	28.45 / 1.120	31.75 / 1.250
K8	32.77 / 1.290	38.10 / 1.500
K9	39.62 / 1.560	41.28 / 1.625
K10	41.28 / 1.625	44.45 / 1.750

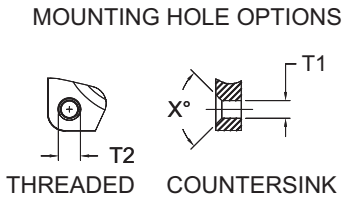
SHELL SIZE	FRONT VIEW					SIDE VIEW			
	R	S	T1	T2		A	KK	L ¹	M
	±0.1/±.004	±0.3/±.012	+0.1/+0.004 -0.0/-0.000	THREAD		+0.00/+.000 -0.15/-0.006	±0.2/±.008	MAX	+0.4/+0.016 -0.0/-0.000
				METRIC	UNC				
10SL	18.2/ 0.717	25.4/ 1.000	3.2/ 0.126	M4	8-32UNC	18.2/ 0.717	2.8/ 0.110	100/ 3.937	14.2/ 0.559
14S	23.0/ 0.906	30.0/ 1.181	3.2/ 0.126	M4	8-32UNC	24.6/ 0.969	3.2/ 0.126	100/ 3.937	14.3/ 0.563
16S	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	M4	8-32UNC	27.4/ 1.079	3.2/ 0.126	100/ 3.937	14.0/ 0.551
16	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	M4	8-32UNC	27.4/ 1.079	3.2/ 0.126	110/ 4.331	19.0/ 0.748
18	27.0/ 1.063	35.0/ 1.378	3.2/ 0.126	M4	8-32UNC	30.8/ 1.213	4.0/ 0.157	110/ 4.331	19.1/ 0.752
20	29.4/ 1.157	38.0/ 1.496	3.2/ 0.126	M4	8-32UNC	34.2/ 1.346	4.0/ 0.157	116/ 4.567	19.1/ 0.752
22	31.8/ 1.252	41.0/ 1.614	3.2/ 0.126	M4	8-32UNC	37.4/ 1.472	4.0/ 0.157	116/ 4.567	19.0/ 0.748
24	34.9/ 1.374	44.5/ 1.752	3.7/ 0.146	M4	10-24UNC	40.9/ 1.610	4.0/ 0.157	120/ 4.724	20.6/ 0.811
28	39.7/ 1.563	50.8/ 2.000	3.7/ 0.146	M5	10-24UNC	46.7/ 1.839	4.0/ 0.157	129/ 5.079	20.6/ 0.811
32	44.5/ 1.752	57.0/ 2.244	4.3/ 0.169	M5	1/4-20UNC	53.4/ 2.102	4.0/ 0.157	145/ 5.709	22.2/ 0.874
36	49.2/ 1.937	63.5/ 2.500	4.3/ 0.169	M5	1/4-20UNC	59.6/ 2.346	4.0/ 0.157	145/ 5.709	22.2/ 0.874
40	55.5/ 2.185	69.9/ 2.752	4.3/ 0.169	M5	1/4-20UNC	65.5/ 2.579	4.0/ 0.157	145/ 5.709	22.2/ 0.874

DIMENSIONS IN ITALIC ARE INCHES.

1. DIMENSION L WILL VARY FROM THE VALUES INDICATED WITH ESCALATING OR DE-ESCALATING BACKSHELLS AND SOME SPECIAL INSERT CONFIGURATIONS.

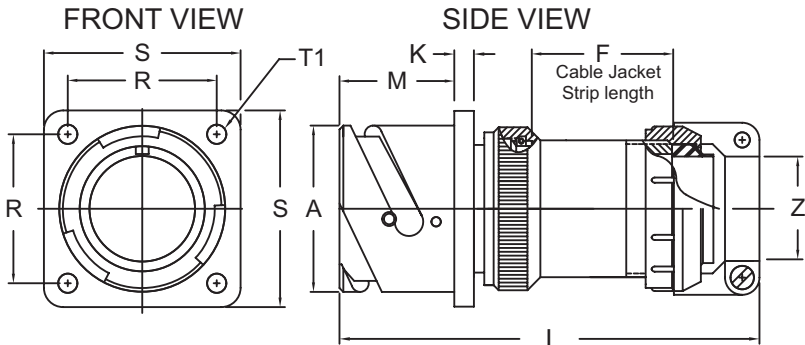
WALL MOUNT RECEPTACLE

00LCF*/00LCFZ*



MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)

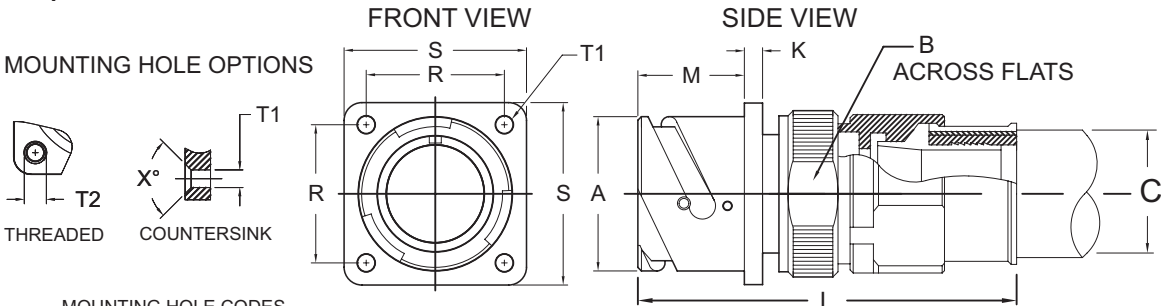


SCPB00LCF* Environmental, no grommet
SCPB00LCFZ* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW							
	R	S	T1	T2		A	F	K	L	M	Z		
	±0.1/±.004	±0.3/±.012	+0.1/+ .004 -0.0/- .000	METRIC	UNC	+0.00/+ .000 -0.15/- .006	REF	±0.2/±.008	MAX	+0.4/+ .016 -0.0/- .000	OPEN	CLOSED	
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	42/1.654	2.8/0.110	101/3.976	14.2/0.559	7.93/0.312	2.38/0.094	
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	42.6/1.677	3.2/0.126	101/3.976	14.3/0.563	11.12/0.438	5.84/0.230	
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	42.6/1.677	3.2/0.126	101/3.976	14.0/0.551	13.48/0.531	8.0/0.315	
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	42.6/1.677	3.2/0.126	114/4.488	19.0/0.748	13.48/0.531	8.0/0.315	
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	45.8/1.803	4.0/0.157	119/4.685	19.1/0.752	15.87/0.625	9.6/0.378	
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	45.9/1.807	4.0/0.157	119/4.685	19.1/0.752	19.00/0.748	11.3/0.445	
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	45.9/1.807	4.0/0.157	119/4.685	19.0/0.748	19.00/0.748	11.3/0.445	
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	44.5/1.752	4.0/0.157	124/4.882	20.6/0.811	23.80/0.937	15.5/0.610	
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	49.5/1.949	4.0/0.157	130/5.118	20.6/0.811	23.80/0.937	15.5/0.610	
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	49.6/1.953	4.0/0.157	137/5.394	22.2/0.874	31.75/1.250	23.4/0.921	
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	50/1.969	4.0/0.157	144/5.669	22.2/0.874	35.00/1.378	23.4/0.921	
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	50/1.969	4.0/0.157	144/5.669	22.2/0.874	41.25/1.624	29.9/1.177	

DIMENSIONS IN ITALIC ARE INCHES.

00NMG*/00NM*



MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)

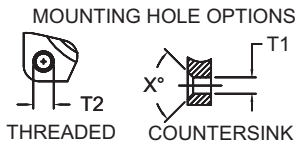
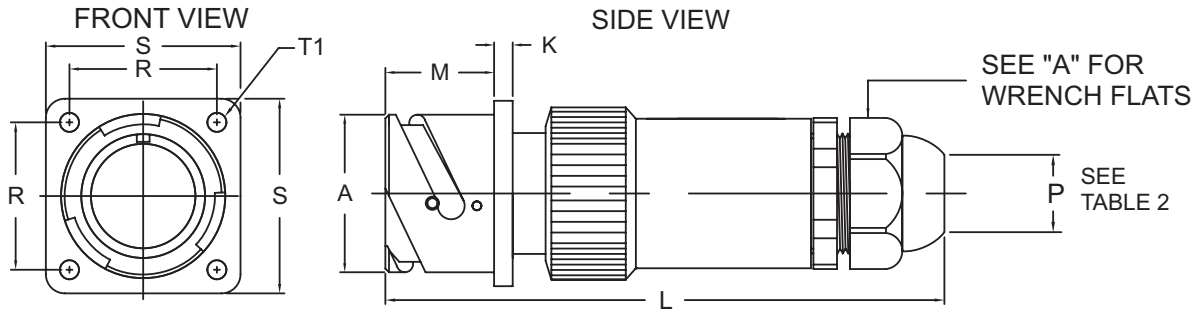
SCPB00NMG* Environmental, no grommet
SCPB00NM* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW					CODE (***)	AVAILABLE CONDUIT SIZES C
	R	S	T1	T2		A	B	K	L	M		
	±0.1/±.004	±0.3/±.012	+0.1/+ .004 -0.0/- .000	METRIC	UNC	+0.00/+ .000 -0.15/- .006	ACROSS FLATS	±0.2/±.008		+0.4/+ .016 -0.0/- .000		
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	17.8/0.701	2.8/0.110	Dimension L is dependent on conduit size used with each shell size. (consult factory)	14.2/0.559	(038)	9.52/3/8
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	23.8/0.937	3.2/0.126		14.3/0.563	(050)	12.70/ 1/2
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	25.4/1.000	3.2/0.126		14.0/0.551	(075)	19.05/ 3/4
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	25.4/1.000	3.2/0.126		19.0/0.748	(100)	25.40/ 1
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	28.6/1.126	4.0/0.157		19.1/0.752	(125)	31.75/ 1 1/4
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	31.7/1.248	4.0/0.157		19.1/0.752	(150)	38.10/ 1 1/2
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	34.9/1.374	4.0/0.157		19.0/0.748	(200)	50.80/ 2
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	38.1/1.500	4.0/0.157		20.6/0.811	(***) Conduit Size must be specified as part of the connector part number using Conduit code	
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	44.4/1.748	4.0/0.157		20.6/0.811		
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	50.8/ 2.000	4.0/0.157		22.2/0.874		
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	57.1/ 2.248	4.0/0.157		22.2/0.874		
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	61.9/2.437	4.0/0.157		22.2/0.874		

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE

00SL*/00SL1*



SCP00SL* Environmental, no grommet
SCP00SL1* Environmental with grommet

MOUNTING HOLE CODES

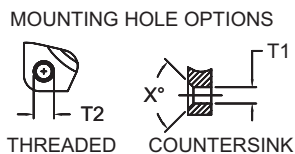
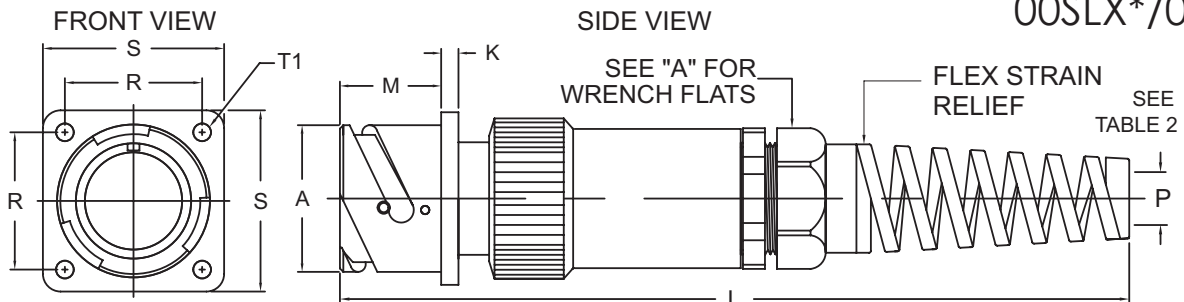
CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)

TABLE 2: CABLE RANGE CODE

(XX) CABLE CODE	TYPE	P CABLE RANGE	A WRENCH FLATS
07R	PG7	2.0-5.0 / 0.08-0.20	15.0 / 0.591
07	PG7	3.0-6.5 / 0.12-0.26	15.0 / 0.591
09R	PG9	2.0-6.0 / 0.08-0.24	19.0 / 0.748
09	PG9	4.0-8.0 / 0.16-0.31	19.0 / 0.748
11R	PG11	3.0-7.0 / 0.12-0.28	22.0 / 0.866
11	PG11	5.0-10.0 / 0.20-0.39	22.0 / 0.866
13R	PG13.5	5.0-9.0 / 0.20-0.35	24.0 / 0.945
13	PG13.5	6.0-12.0 / 0.24-0.47	24.0 / 0.945
16R	PG16	7.0-12.0 / 0.28-0.47	27.0 / 1.063
16	PG16	10.0-14.0 / 0.39-0.55	27.0 / 1.063
21R	PG21	9.0-16.0 / 0.35-0.63	33.0 / 1.299
21	PG21	13.0-18.0 / 0.51-0.71	33.0 / 1.299
29R	PG29	12.0-20.0 / 0.47-0.79	42.0 / 1.654
29	PG29	18.0-25.0 / 0.71-0.98	42.0 / 1.654
36R	PG36	20.0-26.0 / 0.79-1.02	53.0 / 2.087
36	PG36	22.0-32.0 / 0.87-1.26	53.0 / 2.087
42	PG42	30.0-38.0 / 1.18-1.50	60.0 / 2.362
48	PG48	34.0-44.0 / 1.34-1.73	65.0 / 2.559

SHELL SIZE	FRONT VIEW				SIDE VIEW			
	R	S	T1	T2	A	K	L	M
	±0.1/±.004	±0.3/±.012	+0.1/+.004 -0.0/-0.000	THREAD METRIC UNC	+0.00/+0.00 -0.15/-0.006	±0.2/±0.008		+0.4/+0.016 -0.0/-0.000
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4 8-32UNC	18.2/0.717	2.8/0.110		14.2/0.559
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4 8-32UNC	24.6/0.969	3.2/0.126		14.2/0.559
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4 8-32UNC	27.4/1.079	3.2/0.126		14.2/0.559
16	24.6/0.969	32.5/1.280	3.2/0.126	M4 8-32UNC	27.4/1.079	3.2/0.126		19.0/0.748
18	27.0/1.063	35.0/1.378	3.2/0.126	M4 8-32UNC	30.8/1.213	4.0/0.157		19.0/0.748
20	29.4/1.157	38.0/1.496	3.2/0.126	M4 8-32UNC	34.2/1.346	4.0/0.157		19.0/0.748
22	31.8/1.252	41.0/1.614	3.2/0.126	M4 8-32UNC	37.4/1.472	4.0/0.157		19.0/0.748
24	34.9/1.374	44.5/1.752	3.7/0.146	M4 10-24UNC	40.9/1.610	4.0/0.157		20.6/0.811
28	39.7/1.563	50.8/2.000	3.7/0.146	M5 10-24UNC	46.7/1.839	4.0/0.157		20.6/0.811
32	44.5/1.752	57.0/2.244	4.3/0.169	M5 1/4-20UNC	53.4/2.102	4.0/0.157		22.2/0.874
36	49.2/1.937	63.5/2.500	4.3/0.169	M5 1/4-20UNC	59.6/2.346	4.0/0.157		22.2/0.874
40	55.5/2.185	69.9/2.752	4.3/0.169	M5 1/4-20UNC	65.5/2.579	4.0/0.157		22.2/0.874

DIMENSIONS IN ITALIC ARE INCHES.
* CONSULT FACTORY



SCP00SLX* Environmental, no grommet
SCP00SLX1* Environmental with grommet

MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)

TABLE 2: CABLE RANGE CODE

(XX) CABLE CODE	TYPE	P CABLE RANGE	A WRENCH FLATS
07R	PG7	2.0-5.0 / 0.08-0.20	15.0 / 0.591
07	PG7	3.0-6.5 / 0.12-0.26	15.0 / 0.591
09R	PG9	2.0-6.0 / 0.08-0.24	19.0 / 0.748
09	PG9	4.0-8.0 / 0.16-0.31	19.0 / 0.748
11R	PG11	3.0-7.0 / 0.12-0.28	22.0 / 0.866
11	PG11	5.0-10.0 / 0.20-0.39	22.0 / 0.866
13R	PG13.5	5.0-9.0 / 0.20-0.35	24.0 / 0.945
13	PG13.5	6.0-12.0 / 0.24-0.47	24.0 / 0.945
16R	PG16	7.0-12.0 / 0.28-0.47	27.0 / 1.063
16	PG16	10.0-14.0 / 0.39-0.55	27.0 / 1.063
21R	PG21	9.0-16.0 / 0.35-0.63	33.0 / 1.299
21	PG21	13.0-18.0 / 0.51-0.71	33.0 / 1.299
29R	PG29	12.0-20.0 / 0.47-0.79	42.0 / 1.654
29	PG29	18.0-25.0 / 0.71-0.98	42.0 / 1.654
36R	PG36	20.0-26.0 / 0.79-1.02	53.0 / 2.087
36	PG36	22.0-32.0 / 0.87-1.26	53.0 / 2.087
42	PG42	30.0-38.0 / 1.18-1.50	60.0 / 2.362
48	PG48	34.0-44.0 / 1.34-1.73	65.0 / 2.559

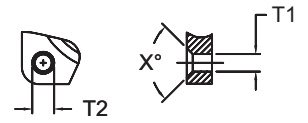
SHELL SIZE	FRONT VIEW				SIDE VIEW			
	R	S	T1	T2	A	K	L	M
	±0.1/±.004	±0.3/±.012	+0.1/+.004 -0.0/-0.000	THREAD METRIC UNC	+0.00/+0.00 -0.15/-0.006	±0.2/±0.008		+0.4/+0.016 -0.0/-0.000
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4 8-32UNC	18.2/0.717	2.8/0.110		14.2/0.559
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4 8-32UNC	24.6/0.969	3.2/0.126		14.2/0.559
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4 8-32UNC	27.4/1.079	3.2/0.126		14.2/0.559
16	24.6/0.969	32.5/1.280	3.2/0.126	M4 8-32UNC	27.4/1.079	3.2/0.126		19.0/0.748
18	27.0/1.063	35.0/1.378	3.2/0.126	M4 8-32UNC	30.8/1.213	4.0/0.157		19.0/0.748
20	29.4/1.157	38.0/1.496	3.2/0.126	M4 8-32UNC	34.2/1.346	4.0/0.157		19.0/0.748
22	31.8/1.252	41.0/1.614	3.2/0.126	M4 8-32UNC	37.4/1.472	4.0/0.157		19.0/0.748
24	34.9/1.374	44.5/1.752	3.7/0.146	M4 10-24UNC	40.9/1.610	4.0/0.157		20.6/0.811
28	39.7/1.563	50.8/2.000	3.7/0.146	M5 10-24UNC	46.7/1.839	4.0/0.157		20.6/0.811
32	44.5/1.752	57.0/2.244	4.3/0.169	M5 1/4-20UNC	53.4/2.102	4.0/0.157		22.2/0.874
36	49.2/1.937	63.5/2.500	4.3/0.169	M5 1/4-20UNC	59.6/2.346	4.0/0.157		22.2/0.874
40	55.5/2.185	69.9/2.752	4.3/0.169	M5 1/4-20UNC	65.5/2.579	4.0/0.157		22.2/0.874

DIMENSIONS IN ITALIC ARE INCHES.
* CONSULT FACTORY

WALL MOUNT RECEPTACLE

00STG*/00ST*

MOUNTING HOLE OPTIONS

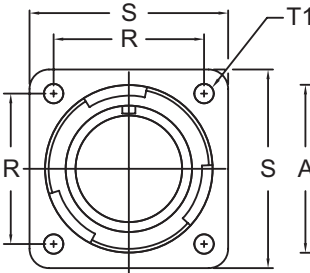


THREADED COUNTERSINK

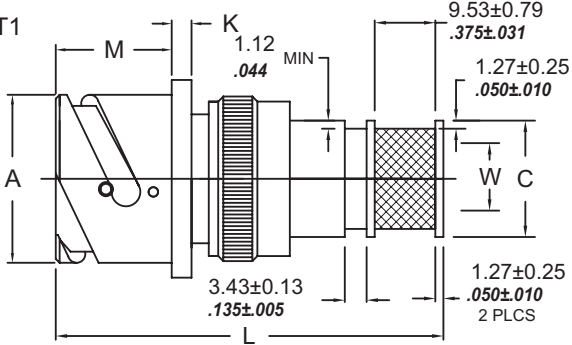
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)

FRONT VIEW



SIDE VIEW



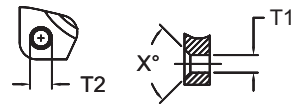
SCPB00STG* Environmental, no grommet with spin coupling nut backshell
SCPB00ST* Environmental with grommet with spin coupling nut backshell

SHELL SIZE	FRONT VIEW					SIDE VIEW					
	R	S	T1	T2		A	C	K	L	M	W
	±0.1/±.004	±0.3/±.012	+0.1/+0.004 -0.0/-0.000	THREAD		+0.00/+0.000 -0.15/-0.006	MAX	±0.2/±.008	MAX	+0.4/+0.016 -0.0/-0.000	MIN
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	12.70/0.500	2.8/0.110	61.0/2.400	14.2/0.559	7.92/0.312
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	16.00/0.630	3.2/0.126	61.6/2.425	14.3/0.563	11.18/0.440
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	17.78/0.700	3.2/0.126	61.0/2.400	14.0/0.551	12.70/0.500
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	17.78/0.700	3.2/0.126	66.7/2.625	19.0/0.748	12.70/0.500
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	20.57/0.810	4.0/0.157	66.7/2.625	19.1/0.752	15.87/0.625
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	20.57/0.810	4.0/0.157	66.7/2.625	19.1/0.752	15.87/0.625
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	22.10/0.870	4.0/0.157	66.7/2.625	19.0/0.748	17.53/0.690
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	23.87/0.940	4.0/0.157	68.6/2.700	20.6/0.811	19.05/0.750
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	26.90/1.060	4.0/0.157	68.6/2.700	20.6/0.811	22.23/0.875
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	CONSULT SALES	4.0/0.157	CONSULT SALES	22.2/0.874	CONSULT SALES
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346		4.0/0.157		22.2/0.874	
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579		4.0/0.157		22.2/0.874	

DIMENSIONS IN ITALIC ARE INCHES.

00SUG*/00SU*

MOUNTING HOLE OPTIONS

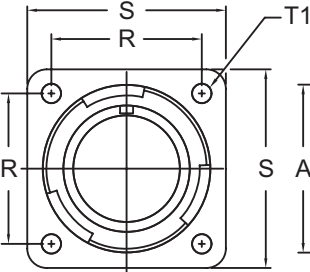


THREADED COUNTERSINK

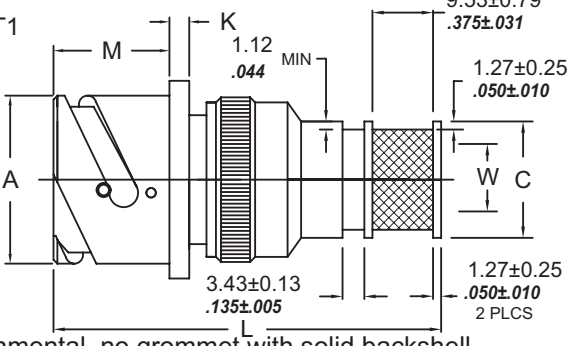
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)

FRONT VIEW



SIDE VIEW

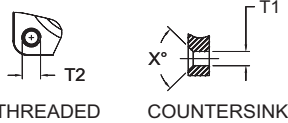


SCPB00SUG* Environmental, no grommet with solid backshell
SCPB00SU* Environmental with grommet with solid backshell

SHELL SIZE	FRONT VIEW					SIDE VIEW					
	R	S	T1	T2		A	C	K	L	M	W
	±0.1/±.004	±0.3/±.012	+0.1/+0.004 -0.0/-0.000	THREAD		+0.00/+0.000 -0.15/-0.006	±0.08/±.003	±0.2/±.008	MAX	+0.4/+0.016 -0.0/-0.000	±0.13/±.005
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	12.70/0.500	2.8/0.110	61.0/2.400	14.2/0.559	7.92/0.312
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	16.00/0.630	3.2/0.126	61.6/2.425	14.3/0.563	11.18/0.440
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	17.78/0.700	3.2/0.126	61.0/2.400	14.0/0.551	12.70/0.500
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	17.78/0.700	3.2/0.126	66.7/2.625	19.0/0.748	12.70/0.500
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	20.57/0.810	4.0/0.157	66.7/2.625	19.1/0.752	15.87/0.625
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	20.57/0.810	4.0/0.157	66.7/2.625	19.1/0.752	15.87/0.625
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	22.10/0.870	4.0/0.157	66.7/2.625	19.0/0.748	17.53/0.690
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	23.87/0.940	4.0/0.157	68.6/2.700	20.6/0.811	19.05/0.750
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	26.90/1.060	4.0/0.157	68.6/2.700	20.6/0.811	22.23/0.875
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	CONSULT SALES	4.0/0.157	CONSULT SALES	22.2/0.874	CONSULT SALES
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346		4.0/0.157		22.2/0.874	
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579		4.0/0.157		22.2/0.874	

DIMENSIONS IN ITALIC ARE INCHES.

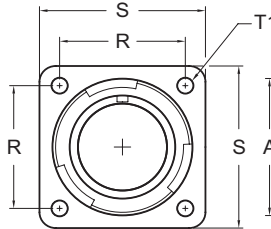
MOUNTING HOLE OPTIONS



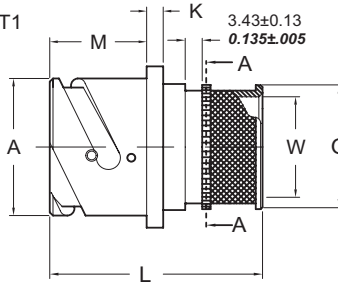
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)

FRONT VIEW



SIDE VIEW



SHELL SIZES:
10SL, 14S & 16S
6.35±0.13
0.250±.005
FOR .125 BAND

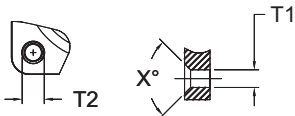
SHELL SIZES:
16-40
9.14±0.13
0.360±.005
FOR .240 BAND

SCPB00SV* Environmental, no grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW							
	R	S	T1	T2		A	G	K	L	M	W	X	
	±0.1/±.004	±0.3/±.012	+0.1/+0.004 -0.0/-0.000	THREAD		+0.00/+0.000 -0.15/-0.006	MAX	±0.2/±.008	MAX	+0.4/+0.016 -0.0/-0.000	MIN	±0.4/±.016	
				METRIC	UNC							.240 BAND	.120 BAND
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	16.1/0.632	2.8/0.110	33.53/1.320	14.2/0.559	12.1/0.475	-	5.8/0.230
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	19.2/0.755	3.2/0.126	33.53/1.320	14.3/0.563	15.4/0.605	-	5.8/0.230
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	22.4/0.880	3.2/0.126	33.53/1.320	14.0/0.551	18.7/0.735	-	5.8/0.230
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	22.4/0.880	3.2/0.126	42.80/1.685	19.0/0.748	18.7/0.735	3.7/0.145	-
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	25.5/1.005	4.0/0.157	42.80/1.685	19.1/0.752	21.9/0.860	3.7/0.145	-
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	28.7/1.130	4.0/0.157	42.80/1.685	19.1/0.752	24.8/0.975	3.7/0.145	-
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	31.9/1.255	4.0/0.157	42.80/1.685	19.0/0.748	28.1/1.105	3.7/0.145	-
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	35.1/1.380	4.0/0.157	42.80/1.685	20.6/0.811	31.2/1.230	3.7/0.145	-
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	41.4/1.630	4.0/0.157	43.82/1.725	20.6/0.811	35.9/1.415	4.7/0.185	-
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	47.8/1.880	4.0/0.157	43.82/1.725	22.2/0.874	43.1/1.695	4.7/0.185	-
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	52.5/2.067	4.0/0.157	43.82/1.725	22.2/0.874	48.0/1.890	4.7/0.185	-
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	58.9/2.317	4.0/0.157	43.82/1.725	22.2/0.874	53.8/2.120	4.7/0.185	-

DIMENSIONS IN *ITALIC* ARE INCHES.

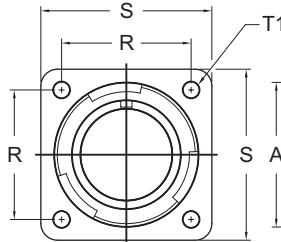
MOUNTING HOLE OPTIONS



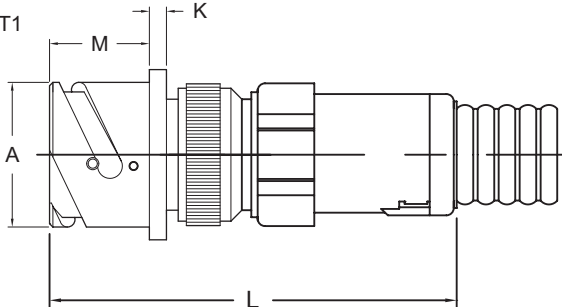
THREADED COUNTERSINK MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)

FRONT VIEW



SIDE VIEW



SCPB00TRAC* Environmental with grommet

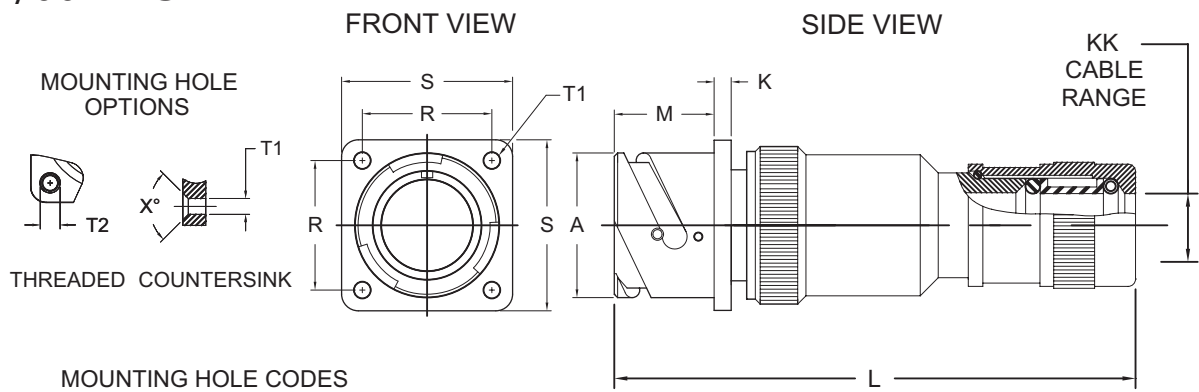
SHELL SIZE	FRONT VIEW					SIDE VIEW			
	R	S	T1	T2		A	K	L	M
	±0.1/±.004	±0.3/±.012	+0.1/+0.004 -0.0/-0.000	THREAD		+0.00/+0.000 -0.15/-0.006	±0.2/±.008		+0.4/+0.016 -0.0/-0.000
				METRIC	UNC				
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110		14.2/0.559
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126		14.3/0.563
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126		14.0/0.551
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126		19.0/0.748
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157		19.1/0.752
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157		19.1/0.752
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157		19.0/0.748
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157		20.6/0.811
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157		20.6/0.811
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157		22.2/0.874
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157		22.2/0.874
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157		22.2/0.874

* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.

DIMENSIONS IN *ITALIC* ARE INCHES.

WALL MOUNT RECEPTACLE

00WK*/00WKG*



CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)

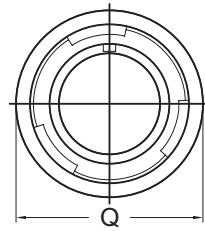
SCPB00WK* Environmental with grommet
SCPB00WKG* Environmental, no grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW				(**) CABLE RANGE CODE	KK	
	R ±0.1/ ±.004	S ±0.3/ ±.012	T1 +0.1/+0.004 -0.0/-0.000	T2		A +0.00/+0.000 -0.15/-0.006	K ±0.2/ ±.008	L MAX	M +0.4/+0.016 -0.0/-0.000		MIN	MAX
				THREAD								
				METRIC	UNC							
10SL	18.2/ 0.717	25.4/ 1.000	3.2/ 0.126	M4	8-32UNC	18.2/ 0.717	2.8/ 0.110	111/ 4.370	14.2/ 0.559	01	1.59 / 0.063	3.18 / 0.125
14S	23.0/ 0.906	30.0/ 1.181	3.2/ 0.126	M4	8-32UNC	24.6/ 0.969	3.2/ 0.126	112/ 4.409	14.3/ 0.563	02	3.18 / 0.125	6.35 / 0.250
16S	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	M4	8-32UNC	27.4/ 1.079	3.2/ 0.126	100/ 3.937	14.0/ 0.551	03	6.35 / 0.250	9.53 / 0.375
16	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	M4	8-32UNC	27.4/ 1.079	3.2/ 0.126	110/ 4.331	19.0/ 0.748	04	9.53 / 0.375	12.7 / 0.500
18	27.0/ 1.063	35.0/ 1.378	3.2/ 0.126	M4	8-32UNC	30.8/ 1.213	4.0/ 0.157	127/ 5.000	19.1/ 0.752	05	12.7 / 0.500	15.88 / 0.625
20	29.4/ 1.157	38.0/ 1.496	3.2/ 0.126	M4	8-32UNC	34.2/ 1.346	4.0/ 0.157	127/ 5.000	19.1/ 0.752	06	15.88 / 0.625	19.05 / 0.750
22	31.8/ 1.252	41.0/ 1.614	3.2/ 0.126	M4	8-32UNC	37.4/ 1.472	4.0/ 0.157	133/ 5.236	19.0/ 0.748	07	19.05 / 0.750	22.23 / 0.875
24	34.9/ 1.374	44.5/ 1.752	3.7/ 0.146	M4	10-24UNC	40.9/ 1.610	4.0/ 0.157	134/ 5.276	20.6/ 0.811	08	22.23 / 0.875	25.4 / 1.000
28	39.7/ 1.563	50.8/ 2.000	3.7/ 0.146	M5	10-24UNC	46.7/ 1.839	4.0/ 0.157	134/ 5.276	20.6/ 0.811	09	25.4 / 1.000	28.58 / 1.125
32	44.5/ 1.752	57.0/ 2.244	4.3/ 0.169	M5	1/4-20UNC	53.4/ 2.102	4.0/ 0.157	136/ 5.354	22.2/ 0.874	10	28.58 / 1.125	31.75 / 1.250
36	49.2/ 1.937	63.5/ 2.500	4.3/ 0.169	M5	1/4-20UNC	59.6/ 2.346	4.0/ 0.157	136/ 5.354	22.2/ 0.874	11	31.75 / 1.250	34.93 / 1.375
40	55.5/ 2.185	69.9/ 2.752	4.3/ 0.169	M5	1/4-20UNC	65.5/ 2.579	4.0/ 0.157	136/ 5.354	22.2/ 0.874	12	34.93 / 1.375	38.1 / 1.500
										13	38.1 / 1.500	41.23 / 1.623
										14	41.23 / 1.623	44.45 / 1.750
										15	44.45 / 1.750	47.63 / 1.875
										16	47.63 / 1.875	50.8 / 2.000

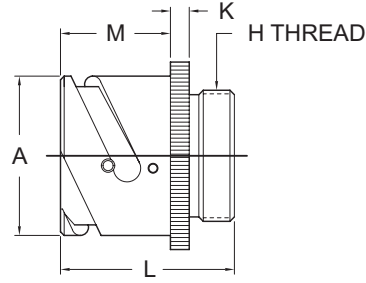
DIMENSIONS IN ITALIC ARE INCHES.
1. DIMENSION L WILL VARY FROM THE VALUES INDICATED WITH ESCALATING OR DE-ESCALATING BACKSHELLS AND SOME SPECIAL INSERT CONFIGURATIONS.

(**) Cable Range must be specified as part of the connector part number using Cable Range Code.

FRONT VIEW



SIDE VIEW



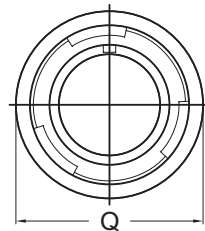
SCPB01-* Non-environmental

SHELL SIZE	FRONT VIEW	SIDE VIEW					
	Q MAX	A +0.00/+0.000 -0.15/-0.006	H THREAD CLASS 2A	K ±0.2/ ±0.008	L ±0.3/ ±0.12	M +0.4/+0.016 -0.0/-0.000	
10SL	22.5/ 0.886	18.2/ 0.717	5/8-24 UNEF	2.8/ 0.110	27.6/ 1.087	14.2/ 0.559	
14S	29.5/ 1.161	24.6/ 0.969	3/4-20 UNEF	3.2/ 0.126	27.6/ 1.087	14.2/ 0.559	
16S	31.5/ 1.240	27.4/ 1.079	7/8-20 UNEF	3.2/ 0.126	27.6/ 1.087	14.2/ 0.559	
16	31.5/ 1.240	27.4/ 1.079	7/8-20 UNEF	3.2/ 0.126	33.8/ 1.331	19.0/ 0.748	
18	34.5/ 1.358	30.8/ 1.213	1-20 UNEF	4.0/ 0.157	33.8/ 1.331	19.0/ 0.748	
20	37.5/ 1.476	34.2/ 1.346	1 1/8-18 UNEF	4.0/ 0.157	33.8/ 1.331	19.0/ 0.748	
22	40.5/ 1.594	37.4/ 1.472	1 1/4-18 UNEF	4.0/ 0.157	33.8/ 1.331	19.0/ 0.748	
24	44.5/ 1.752	40.9/ 1.610	1 3/8-18 UNEF	4.0/ 0.157	35.8/ 1.409	20.6/ 0.811	
28	50.0/ 1.969	46.7/ 1.839	1 5/8-18 UNEF	4.0/ 0.157	35.8/ 1.409	20.6/ 0.811	
32	56.5/ 2.224	53.4/ 2.102	1 7/8-16 UN	4.0/ 0.157	37.3/ 1.469	22.2/ 0.874	
36	63.0/ 2.480	59.6/ 2.346	2 1/16-16 UN	4.0/ 0.157	37.3/ 1.469	22.2/ 0.874	
40	69.0/ 2.717	65.5/ 2.579	2 5/16-16 UNS	4.0/ 0.157	37.3/ 1.469	22.2/ 0.874	

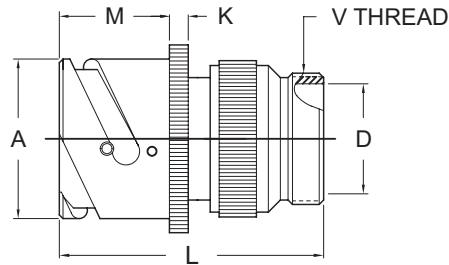
DIMENSIONS IN ITALIC ARE INCHES.

01A*/01R*

FRONT VIEW



SIDE VIEW


SCPB01A* Non-environmental, no grommet
SCPB01R* Environmental with grommet

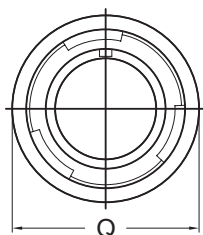
SHELL SIZE	FRONT VIEW	SIDE VIEW						
	Q MAX	A +0.00/+0.000 -0.15/-0.006	D MIN.	K ±0.2/ ±0.008	L MAX.	M +0.4/+0.016 -0.0/-0.000	V THREAD CLASS 2A	
10SL	22.5/ 0.886	18.2/ 0.717	8.2/ 0.323	2.8/ 0.110	43/ 1.693	14.2/ 0.559	5/8-24 UNEF	
14S	29.5/ 1.161	24.6/ 0.969	11.1/ 0.437	3.2/ 0.126	47/ 1.850	14.2/ 0.559	3/4-20 UNEF	
16S	31.5/ 1.240	27.4/ 1.079	14.3/ 0.563	3.2/ 0.126	47/ 1.850	14.2/ 0.559	7/8-20 UNEF	
16	31.5/ 1.240	27.4/ 1.079	14.3/ 0.563	3.2/ 0.126	58/ 2.283	19.0/ 0.748	7/8-20 UNEF	
18	34.5/ 1.358	30.8/ 1.213	16.7/ 0.657	4.0/ 0.157	58/ 2.283	19.0/ 0.748	1-20 UNEF	
20	37.5/ 1.476	34.2/ 1.346	19.8/ 0.780	4.0/ 0.157	58/ 2.283	19.0/ 0.748	1 3/16-18 UNEF	
22	40.5/ 1.594	37.4/ 1.472	19.8/ 0.780	4.0/ 0.157	59/ 2.323	19.0/ 0.748	1 3/16-18 UNEF	
24	44.5/ 1.752	40.9/ 1.610	25.4/ 1.000	4.0/ 0.157	61/ 2.402	20.6/ 0.811	1 7/16-18 UNEF	
28	50.0/ 1.969	46.7/ 1.839	27.0/ 1.063	4.0/ 0.157	67/ 2.638	20.6/ 0.811	1 7/16-18 UNEF	
32	56.5/ 2.224	53.4/ 2.102	32.5/ 1.280	4.0/ 0.157	71/ 2.795	22.2/ 0.874	1 3/4-18 UNS	
36	63.0/ 2.480	59.6/ 2.346	35.7/ 1.406	4.0/ 0.157	72/ 2.835	22.2/ 0.874	2-18 UNS	
40	69.0/ 2.717	65.5/ 2.579	45.0/ 1.772	4.0/ 0.157	86/ 3.386	22.2/ 0.874	2 1/4-16 UN	

DIMENSIONS IN ITALIC ARE INCHES.

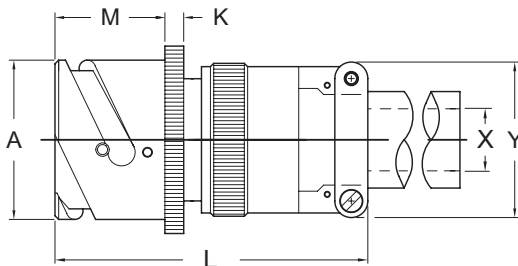
IN-LINE RECEPTACLE

01AE*/01E*

FRONT VIEW



SIDE VIEW



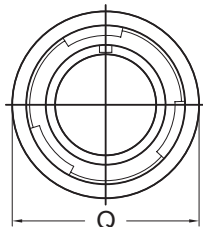
SCP01AE* Non-environmental, no grommet
SCP01E* Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW					
	Q	A	K	L	M	X	Y
	MAX	+0.00/ +.000 -0.15/ -.006	±0.2/ ±.008	MAX	+0.4/ +.016 -0.0/ -.000	MIN	MAX
10SL	22.5/ <i>0.886</i>	18.2/ <i>0.717</i>	2.8/ <i>0.110</i>	64/ <i>2.520</i>	14.2/ <i>0.559</i>	6.5/ <i>0.256</i>	22.7/ <i>0.894</i>
14S	29.5/ <i>1.161</i>	24.6/ <i>0.969</i>	3.2/ <i>0.126</i>	69/ <i>2.717</i>	14.2/ <i>0.559</i>	9.0/ <i>0.354</i>	27.5/ <i>1.083</i>
16S	31.5/ <i>1.240</i>	27.4/ <i>1.079</i>	3.2/ <i>0.126</i>	71/ <i>2.795</i>	14.2/ <i>0.559</i>	11.0/ <i>0.433</i>	30.0/ <i>1.181</i>
16	31.5/ <i>1.240</i>	27.4/ <i>1.079</i>	3.2/ <i>0.126</i>	82/ <i>3.228</i>	19.0/ <i>0.748</i>	11.0/ <i>0.433</i>	30.0/ <i>1.181</i>
18	34.5/ <i>1.358</i>	30.8/ <i>1.213</i>	4.0/ <i>0.157</i>	82/ <i>3.228</i>	19.0/ <i>0.748</i>	14.2/ <i>0.559</i>	32.2/ <i>1.268</i>
20	37.5/ <i>1.476</i>	34.2/ <i>1.346</i>	4.0/ <i>0.157</i>	82/ <i>3.228</i>	19.0/ <i>0.748</i>	15.8/ <i>0.622</i>	37.5/ <i>1.476</i>
22	40.5/ <i>1.594</i>	37.4/ <i>1.472</i>	4.0/ <i>0.157</i>	83/ <i>3.268</i>	19.0/ <i>0.748</i>	15.8/ <i>0.622</i>	37.5/ <i>1.476</i>
24	44.5/ <i>1.752</i>	40.9/ <i>1.610</i>	4.0/ <i>0.157</i>	87/ <i>3.425</i>	20.6/ <i>0.811</i>	21.4/ <i>0.843</i>	43.3/ <i>1.705</i>
28	50.0/ <i>1.969</i>	46.7/ <i>1.839</i>	4.0/ <i>0.157</i>	93/ <i>3.661</i>	20.6/ <i>0.811</i>	21.4/ <i>0.843</i>	43.3/ <i>1.705</i>
32	56.5/ <i>2.224</i>	53.4/ <i>2.102</i>	4.0/ <i>0.157</i>	99/ <i>3.898</i>	22.2/ <i>0.874</i>	26.7/ <i>1.051</i>	51.7/ <i>2.035</i>
36	63.0/ <i>2.480</i>	59.6/ <i>2.346</i>	4.0/ <i>0.157</i>	100/ <i>3.937</i>	22.2/ <i>0.874</i>	31.7/ <i>1.248</i>	58.0/ <i>2.283</i>
40	69.0/ <i>2.717</i>	65.5/ <i>2.579</i>	4.0/ <i>0.157</i>	128/ <i>5.039</i>	22.2/ <i>0.874</i>	34.9/ <i>1.374</i>	65.5/ <i>2.579</i>

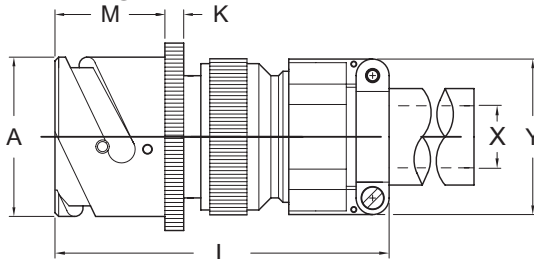
DIMENSIONS IN ITALIC ARE INCHES.

01AF*/01F*

FRONT VIEW



SIDE VIEW

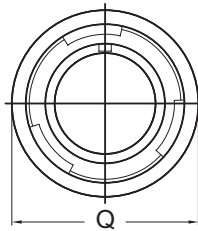


SCP01AF* Non-environmental, no grommet
SCP01F* Environmental with grommet

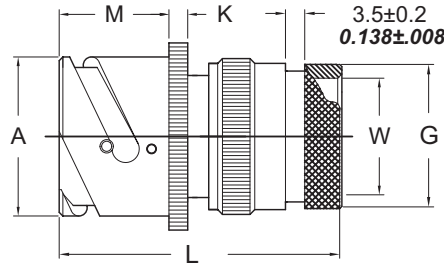
SHELL SIZE	FRONT VIEW	SIDE VIEW					
	Q	A	K	L	M	X	Y
	MAX	+0.00/ +.000 -0.15/ -.006	±0.2/ ±.008	MAX	+0.4/ +.016 -0.0/ -.000	MIN	MAX
10SL	22.5/ <i>0.886</i>	18.2/ <i>0.717</i>	2.8/ <i>0.110</i>	64/ <i>2.520</i>	14.2/ <i>0.559</i>	6.5/ <i>0.256</i>	22.7/ <i>0.894</i>
14S	29.5/ <i>1.161</i>	24.6/ <i>0.969</i>	3.2/ <i>0.126</i>	69/ <i>2.717</i>	14.2/ <i>0.559</i>	9.0/ <i>0.354</i>	27.5/ <i>1.083</i>
16S	31.5/ <i>1.240</i>	27.4/ <i>1.079</i>	3.2/ <i>0.126</i>	71/ <i>2.795</i>	14.2/ <i>0.559</i>	11.0/ <i>0.433</i>	30.0/ <i>1.181</i>
16	31.5/ <i>1.240</i>	27.4/ <i>1.079</i>	3.2/ <i>0.126</i>	82/ <i>3.228</i>	19.0/ <i>0.748</i>	11.0/ <i>0.433</i>	30.0/ <i>1.181</i>
18	34.5/ <i>1.358</i>	30.8/ <i>1.213</i>	4.0/ <i>0.157</i>	82/ <i>3.228</i>	19.0/ <i>0.748</i>	14.2/ <i>0.559</i>	32.2/ <i>1.268</i>
20	37.5/ <i>1.476</i>	34.2/ <i>1.346</i>	4.0/ <i>0.157</i>	82/ <i>3.228</i>	19.0/ <i>0.748</i>	15.8/ <i>0.622</i>	37.5/ <i>1.476</i>
22	40.5/ <i>1.594</i>	37.4/ <i>1.472</i>	4.0/ <i>0.157</i>	83/ <i>3.268</i>	19.0/ <i>0.748</i>	15.8/ <i>0.622</i>	37.5/ <i>1.476</i>
24	44.5/ <i>1.752</i>	40.9/ <i>1.610</i>	4.0/ <i>0.157</i>	87/ <i>3.425</i>	20.6/ <i>0.811</i>	21.4/ <i>0.843</i>	43.3/ <i>1.705</i>
28	50.0/ <i>1.969</i>	46.7/ <i>1.839</i>	4.0/ <i>0.157</i>	93/ <i>3.661</i>	20.6/ <i>0.811</i>	21.4/ <i>0.843</i>	43.3/ <i>1.705</i>
32	56.5/ <i>2.224</i>	53.4/ <i>2.102</i>	4.0/ <i>0.157</i>	99/ <i>3.898</i>	22.2/ <i>0.874</i>	26.7/ <i>1.051</i>	51.7/ <i>2.035</i>
36	63.0/ <i>2.480</i>	59.6/ <i>2.346</i>	4.0/ <i>0.157</i>	100/ <i>3.937</i>	22.2/ <i>0.874</i>	31.7/ <i>1.248</i>	58.0/ <i>2.283</i>
40	69.0/ <i>2.717</i>	65.5/ <i>2.579</i>	4.0/ <i>0.157</i>	128/ <i>5.039</i>	22.2/ <i>0.874</i>	34.9/ <i>1.374</i>	65.5/ <i>2.579</i>

DIMENSIONS IN ITALIC ARE INCHES.

FRONT VIEW



SIDE VIEW

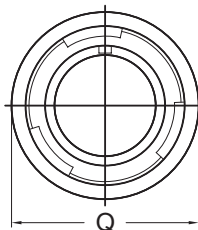


SCPB01AG* Environmental, no grommet
SCPB01G* Environmental with grommet

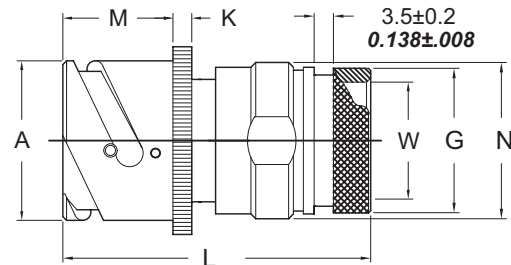
SHELL SIZE	FRONT VIEW	SIDE VIEW					
	Q	A	G	K	L	M	W
	MAX	+0.00/ +.000 -0.15/ -.006	±0.2/ ±.008	±0.2/ ±.008	MAX	+0.4/ +.016 -0.0/ -.000	MIN
10SL	22.5/ <i>0.886</i>	18.2/ <i>0.717</i>	15.5/ <i>0.610</i>	2.8/ <i>0.110</i>	48/ <i>1.890</i>	14.2/ <i>0.559</i>	8.5/ <i>0.335</i>
14S	29.5/ <i>1.161</i>	24.6/ <i>0.969</i>	19.1/ <i>0.752</i>	3.2/ <i>0.126</i>	48/ <i>1.890</i>	14.2/ <i>0.559</i>	12.0/ <i>0.472</i>
16S	31.5/ <i>1.240</i>	27.4/ <i>1.079</i>	23.9/ <i>0.941</i>	3.2/ <i>0.126</i>	48/ <i>1.890</i>	14.2/ <i>0.559</i>	14.5/ <i>0.571</i>
16	31.5/ <i>1.240</i>	27.4/ <i>1.079</i>	23.9/ <i>0.941</i>	3.2/ <i>0.126</i>	60/ <i>2.362</i>	19.0/ <i>0.748</i>	14.5/ <i>0.571</i>
18	34.5/ <i>1.358</i>	30.8/ <i>1.213</i>	23.9/ <i>0.941</i>	4.0/ <i>0.157</i>	60/ <i>2.362</i>	19.0/ <i>0.748</i>	17.5/ <i>0.689</i>
20	37.5/ <i>1.476</i>	34.2/ <i>1.346</i>	29.6/ <i>1.165</i>	4.0/ <i>0.157</i>	65/ <i>2.559</i>	19.0/ <i>0.748</i>	19.5/ <i>0.768</i>
22	40.5/ <i>1.594</i>	37.4/ <i>1.472</i>	29.6/ <i>1.165</i>	4.0/ <i>0.157</i>	65/ <i>2.559</i>	19.0/ <i>0.748</i>	22.0/ <i>0.866</i>
24	44.5/ <i>1.752</i>	40.9/ <i>1.610</i>	37.8/ <i>1.488</i>	4.0/ <i>0.157</i>	65/ <i>2.559</i>	20.6/ <i>0.811</i>	25.0/ <i>0.984</i>
28	50.0/ <i>1.969</i>	46.7/ <i>1.839</i>	37.8/ <i>1.488</i>	4.0/ <i>0.157</i>	65/ <i>2.559</i>	20.6/ <i>0.811</i>	29.0/ <i>1.142</i>
32	56.5/ <i>2.224</i>	53.4/ <i>2.102</i>	47.8/ <i>1.882</i>	4.0/ <i>0.157</i>	70/ <i>2.756</i>	22.2/ <i>0.874</i>	34.0/ <i>1.339</i>
36	63.0/ <i>2.480</i>	59.6/ <i>2.346</i>	47.8/ <i>1.882</i>	4.0/ <i>0.157</i>	75/ <i>2.953</i>	22.2/ <i>0.874</i>	38.5/ <i>1.516</i>
40	69.0/ <i>2.717</i>	65.5/ <i>2.579</i>	52.4/ <i>2.063</i>	4.0/ <i>0.157</i>	77/ <i>3.031</i>	22.2/ <i>0.874</i>	48.0/ <i>1.890</i>

DIMENSIONS IN ITALIC ARE INCHES.

FRONT VIEW



SIDE VIEW



SCPB01AG2G* Environmental, no grommet
SCPB01G2G* Environmental with grommet

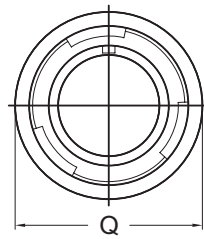
SHELL SIZE	FRONT VIEW	SIDE VIEW						
	Q	A	G	K	L	M	N	W
	MAX	+0.00/ +.000 -0.15/ -.006	±0.2/ ±.008	±0.2/ ±.008	APRX	+0.4/ +.016 -0.0/ -.000	MAX	MIN
10SL	22.5/ <i>0.886</i>	18.2/ <i>0.717</i>	15.5/ <i>0.610</i>	2.8/ <i>0.110</i>	49.8/ <i>1.961</i>	14.2/ <i>0.559</i>	22/ <i>0.866</i>	8.5/ <i>0.335</i>
14S	29.5/ <i>1.161</i>	24.6/ <i>0.969</i>	19.1/ <i>0.752</i>	3.2/ <i>0.126</i>	49.8/ <i>1.961</i>	14.2/ <i>0.559</i>	25/ <i>0.984</i>	12.0/ <i>0.472</i>
16S	31.5/ <i>1.240</i>	27.4/ <i>1.079</i>	23.9/ <i>0.941</i>	3.2/ <i>0.126</i>	50.6/ <i>1.992</i>	14.2/ <i>0.559</i>	28/ <i>1.102</i>	14.5/ <i>0.571</i>
16	31.5/ <i>1.240</i>	27.4/ <i>1.079</i>	23.9/ <i>0.941</i>	3.2/ <i>0.126</i>	60.1/ <i>2.366</i>	19.0/ <i>0.748</i>	28/ <i>1.102</i>	14.5/ <i>0.571</i>
18	34.5/ <i>1.358</i>	30.8/ <i>1.213</i>	23.9/ <i>0.941</i>	4.0/ <i>0.157</i>	59.6/ <i>2.346</i>	19.0/ <i>0.748</i>	31/ <i>1.220</i>	17.5/ <i>0.689</i>
20	37.5/ <i>1.476</i>	34.2/ <i>1.346</i>	29.6/ <i>1.165</i>	4.0/ <i>0.157</i>	60.3/ <i>2.374</i>	19.0/ <i>0.748</i>	35/ <i>1.378</i>	19.5/ <i>0.768</i>
22	40.5/ <i>1.594</i>	37.4/ <i>1.472</i>	29.6/ <i>1.165</i>	4.0/ <i>0.157</i>	60.3/ <i>2.374</i>	19.0/ <i>0.748</i>	38/ <i>1.496</i>	22.0/ <i>0.866</i>
24	44.5/ <i>1.752</i>	40.9/ <i>1.610</i>	37.8/ <i>1.488</i>	4.0/ <i>0.157</i>	62.9/ <i>2.476</i>	20.6/ <i>0.811</i>	41/ <i>1.614</i>	25.0/ <i>0.984</i>
28	50.0/ <i>1.969</i>	46.7/ <i>1.839</i>	37.8/ <i>1.488</i>	4.0/ <i>0.157</i>	64.7/ <i>2.547</i>	20.6/ <i>0.811</i>	48/ <i>1.890</i>	29.0/ <i>1.142</i>
32	56.5/ <i>2.224</i>	53.4/ <i>2.102</i>	47.8/ <i>1.882</i>	4.0/ <i>0.157</i>	67.0/ <i>2.638</i>	22.2/ <i>0.874</i>	54/ <i>2.126</i>	34.0/ <i>1.339</i>
36	63.0/ <i>2.480</i>	59.6/ <i>2.346</i>	47.8/ <i>1.882</i>	4.0/ <i>0.157</i>	67.0/ <i>2.638</i>	22.2/ <i>0.874</i>	61/ <i>2.402</i>	38.5/ <i>1.516</i>
40	69.0/ <i>2.717</i>	65.5/ <i>2.579</i>	52.4/ <i>2.063</i>	4.0/ <i>0.157</i>	67.3/ <i>2.650</i>	22.2/ <i>0.874</i>	68/ <i>2.677</i>	48.0/ <i>1.890</i>

DIMENSIONS IN ITALIC ARE INCHES.

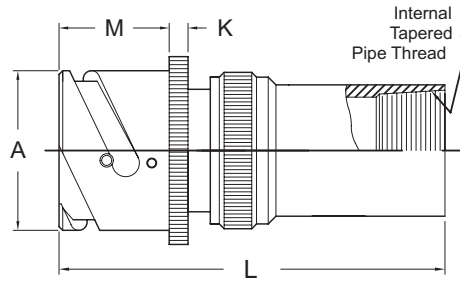
IN-LINE RECEPTACLE

01APT*

FRONT VIEW



SIDE VIEW



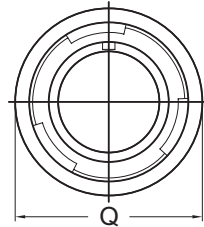
SCPB01APT* Environmental, no grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW					
	Q MAX	A +0.00/ +.000 -0.15/ -.006	K ±0.2/ ±.008	L MAX	M +0.4/ +.016 -0.0/ -.000	CODE	PIPE THREAD
10SL	22.5/ <i>0.886</i>	18.2/ <i>0.717</i>	2.8/ <i>0.110</i>	60/ <i>2.362</i>	14.2/ <i>0.559</i>	01	1/8
14S	29.5/ <i>1.161</i>	24.6/ <i>0.969</i>	3.2/ <i>0.126</i>	60/ <i>2.362</i>	14.2/ <i>0.559</i>	02	1/4
16S	31.5/ <i>1.240</i>	27.4/ <i>1.079</i>	3.2/ <i>0.126</i>	60/ <i>2.362</i>	14.2/ <i>0.559</i>	03	3/8
16	31.5/ <i>1.240</i>	27.4/ <i>1.079</i>	3.2/ <i>0.126</i>	70/ <i>2.756</i>	19.0/ <i>0.748</i>	04	1/2
18	34.5/ <i>1.358</i>	30.8/ <i>1.213</i>	4.0/ <i>0.157</i>	70/ <i>2.756</i>	19.0/ <i>0.748</i>	05	3/4
20	37.5/ <i>1.476</i>	34.2/ <i>1.346</i>	4.0/ <i>0.157</i>	70/ <i>2.756</i>	19.0/ <i>0.748</i>	06	1
22	40.5/ <i>1.594</i>	37.4/ <i>1.472</i>	4.0/ <i>0.157</i>	70/ <i>2.756</i>	19.0/ <i>0.748</i>	07	1 1/4
24	44.5/ <i>1.752</i>	40.9/ <i>1.610</i>	4.0/ <i>0.157</i>	80/ <i>3.150</i>	20.6/ <i>0.811</i>	08	1 1/2
28	50.0/ <i>1.969</i>	46.7/ <i>1.839</i>	4.0/ <i>0.157</i>	80/ <i>3.150</i>	20.6/ <i>0.811</i>	09	2
32	56.5/ <i>2.224</i>	53.4/ <i>2.102</i>	4.0/ <i>0.157</i>	80/ <i>3.150</i>	22.2/ <i>0.874</i>	10	2 1/2
36	63.0/ <i>2.480</i>	59.6/ <i>2.346</i>	4.0/ <i>0.157</i>	95/ <i>3.740</i>	22.2/ <i>0.874</i>		
40	69.0/ <i>2.717</i>	65.5/ <i>2.579</i>	4.0/ <i>0.157</i>	95/ <i>3.740</i>	22.2/ <i>0.874</i>		

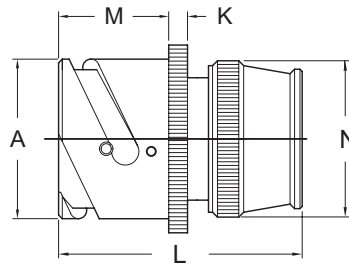
DIMENSIONS IN ITALIC ARE INCHES.

01ARV*/01RV*

FRONT VIEW



SIDE VIEW

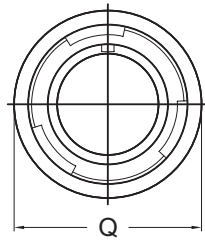


SCPB01ARV* Non-environmental, no grommet
SCPB01RV* Environmental with grommet

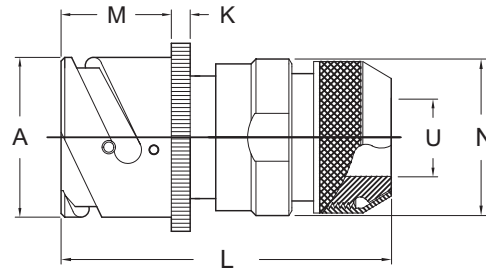
SHELL SIZE	FRONT VIEW	SIDE VIEW				
	Q MAX	A +0.00/ +.000 -0.15/ -.006	K ±0.2/ ±.008	L MAX	M +0.4/ +.016 -0.0/ -.000	N MAX
10SL	22.5/ <i>0.886</i>	18.2/ <i>0.717</i>	2.8/ <i>0.110</i>	40/ <i>1.575</i>	14.2/ <i>0.559</i>	20.0/ <i>0.787</i>
14S	29.5/ <i>1.161</i>	24.6/ <i>0.969</i>	3.2/ <i>0.126</i>	40/ <i>1.575</i>	14.2/ <i>0.559</i>	24.0/ <i>0.945</i>
16S	31.5/ <i>1.240</i>	27.4/ <i>1.079</i>	3.2/ <i>0.126</i>	40/ <i>1.575</i>	14.2/ <i>0.559</i>	26.0/ <i>1.024</i>
16	31.5/ <i>1.240</i>	27.4/ <i>1.079</i>	3.2/ <i>0.126</i>	56/ <i>2.205</i>	19.0/ <i>0.748</i>	26.0/ <i>1.024</i>
18	34.5/ <i>1.358</i>	30.8/ <i>1.213</i>	4.0/ <i>0.157</i>	56/ <i>2.205</i>	19.0/ <i>0.748</i>	29.5/ <i>1.161</i>
20	37.5/ <i>1.476</i>	34.2/ <i>1.346</i>	4.0/ <i>0.157</i>	57/ <i>2.244</i>	19.0/ <i>0.748</i>	33.0/ <i>1.299</i>
22	40.5/ <i>1.594</i>	37.4/ <i>1.472</i>	4.0/ <i>0.157</i>	57/ <i>2.244</i>	19.0/ <i>0.748</i>	36.0/ <i>1.417</i>
24	44.5/ <i>1.752</i>	40.9/ <i>1.610</i>	4.0/ <i>0.157</i>	59/ <i>2.323</i>	20.6/ <i>0.811</i>	40.0/ <i>1.575</i>
28	50.0/ <i>1.969</i>	46.7/ <i>1.839</i>	4.0/ <i>0.157</i>	59/ <i>2.323</i>	20.6/ <i>0.811</i>	46.0/ <i>1.811</i>
32	56.5/ <i>2.224</i>	53.4/ <i>2.102</i>	4.0/ <i>0.157</i>	60/ <i>2.362</i>	22.2/ <i>0.874</i>	51.5/ <i>2.028</i>
36	63.0/ <i>2.480</i>	59.6/ <i>2.346</i>	4.0/ <i>0.157</i>	60/ <i>2.362</i>	22.2/ <i>0.874</i>	58.0/ <i>2.283</i>
40	69.0/ <i>2.717</i>	65.5/ <i>2.579</i>	4.0/ <i>0.157</i>	61/ <i>2.402</i>	22.2/ <i>0.874</i>	64.5/ <i>2.539</i>

DIMENSIONS IN ITALIC ARE INCHES.

FRONT VIEW



SIDE VIEW

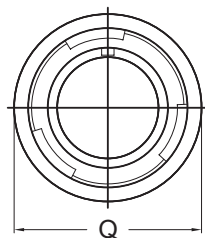


SCPB01ASB* Environmental, no grommet
SCPB01SB* Environmental with grommet

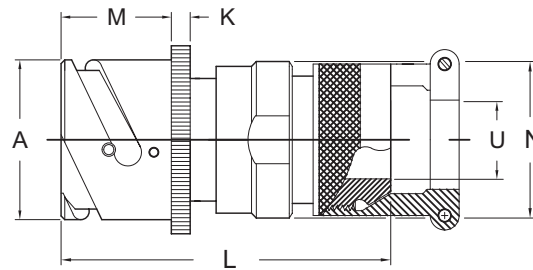
SHELL SIZE	FRONT VIEW	SIDE VIEW					
	Q	A	K	L	M	N	U
	MAX	+0.00/ +.000 -0.15/ -.006	±0.2/ ±.008	MAX	+0.4/ +.016 -0.0/ -.000	MAX	MIN
10SL	22.5/ 0.886	18.2/ 0.717	2.8/ 0.110	52.2/ 2.055	14.2/ 0.559	22/ 0.866	8.6/ 0.339
14S	29.5/ 1.161	24.6/ 0.969	3.2/ 0.126	52.2/ 2.055	14.2/ 0.559	25/ 0.984	10.6/ 0.417
16S	31.5/ 1.240	27.4/ 1.079	3.2/ 0.126	54.2/ 2.134	14.2/ 0.559	28/ 1.102	13.5/ 0.531
16	31.5/ 1.240	27.4/ 1.079	3.2/ 0.126	63.3/ 2.492	19.0/ 0.748	28/ 1.102	13.5/ 0.531
18	34.5/ 1.358	30.8/ 1.213	4.0/ 0.157	64.5/ 2.539	19.0/ 0.748	31/ 1.220	14.6/ 0.575
20	37.5/ 1.476	34.2/ 1.346	4.0/ 0.157	64.5/ 2.539	19.0/ 0.748	35/ 1.378	18.5/ 0.728
22	40.5/ 1.594	37.4/ 1.472	4.0/ 0.157	64.5/ 2.539	19.0/ 0.748	38/ 1.496	20.8/ 0.819
24	44.5/ 1.752	40.9/ 1.610	4.0/ 0.157	65.2/ 2.567	20.6/ 0.811	41/ 1.614	24.6/ 0.969
28	50.0/ 1.969	46.7/ 1.839	4.0/ 0.157	65.2/ 2.567	20.6/ 0.811	48/ 1.890	27.0/ 1.063
32	56.5/ 2.224	53.4/ 2.102	4.0/ 0.157	66.8/ 2.630	22.2/ 0.874	54/ 2.126	33.3/ 1.311
36	63.0/ 2.480	59.6/ 2.346	4.0/ 0.157	66.8/ 2.630	22.2/ 0.874	61/ 2.402	38.5/ 1.516
40	69.0/ 2.717	65.5/ 2.579	4.0/ 0.157	66.8/ 2.630	22.2/ 0.874	68/ 2.677	46.0/ 1.811

DIMENSIONS IN ITALIC ARE INCHES.

FRONT VIEW



SIDE VIEW



SCPB01ASBF* Environmental, no grommet
SCPB01SBF* Environmental with grommet

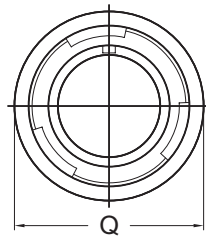
SHELL SIZE	FRONT VIEW	SIDE VIEW					
	Q	A	K	L	M	N	U
	MAX	+0.00/ +.000 -0.15/ -.006	±0.2/ ±.008	MAX	+0.4/ +.016 -0.0/ -.000	MAX	MIN
10SL	22.5/ 0.886	18.2/ 0.717	2.8/ 0.110	52.2/ 2.055	14.2/ 0.559	22/ 0.866	8.6/ 0.339
14S	29.5/ 1.161	24.6/ 0.969	3.2/ 0.126	52.2/ 2.055	14.2/ 0.559	25/ 0.984	10.6/ 0.417
16S	31.5/ 1.240	27.4/ 1.079	3.2/ 0.126	54.2/ 2.134	14.2/ 0.559	28/ 1.102	13.5/ 0.531
16	31.5/ 1.240	27.4/ 1.079	3.2/ 0.126	63.3/ 2.492	19.0/ 0.748	28/ 1.102	13.5/ 0.531
18	34.5/ 1.358	30.8/ 1.213	4.0/ 0.157	64.5/ 2.539	19.0/ 0.748	31/ 1.220	14.6/ 0.575
20	37.5/ 1.476	34.2/ 1.346	4.0/ 0.157	64.5/ 2.539	19.0/ 0.748	35/ 1.378	18.5/ 0.728
22	40.5/ 1.594	37.4/ 1.472	4.0/ 0.157	64.5/ 2.539	19.0/ 0.748	38/ 1.496	20.8/ 0.819
24	44.5/ 1.752	40.9/ 1.610	4.0/ 0.157	65.2/ 2.567	20.6/ 0.811	41/ 1.614	24.6/ 0.969
28	50.0/ 1.969	46.7/ 1.839	4.0/ 0.157	65.2/ 2.567	20.6/ 0.811	48/ 1.890	27.0/ 1.063
32	56.5/ 2.224	53.4/ 2.102	4.0/ 0.157	66.8/ 2.630	22.2/ 0.874	54/ 2.126	33.3/ 1.311
36	63.0/ 2.480	59.6/ 2.346	4.0/ 0.157	66.8/ 2.630	22.2/ 0.874	61/ 2.402	38.5/ 1.516
40	69.0/ 2.717	65.5/ 2.579	4.0/ 0.157	66.8/ 2.630	22.2/ 0.874	68/ 2.677	46.0/ 1.811

DIMENSIONS IN ITALIC ARE INCHES.

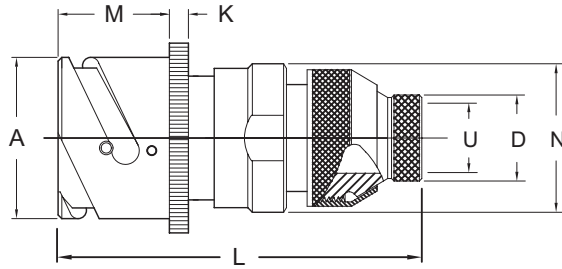
IN-LINE RECEPTACLE

01ASBT*/01SBT*

FRONT VIEW



SIDE VIEW



SCPB01ASBT* Non-environmental, no grommet
SCPB01SBT* Environmental with grommet

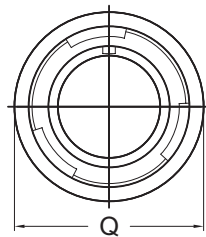
SHELL SIZE	FRONT VIEW	SIDE VIEW						
	Q	A	D	K	L	M	N	U
	MAX	+0.00/ +.000 -0.15/ -.006	MAX	±0.2/ ±.008	MAX	+0.4/ +.016 -0.0/ -.000	MAX	MIN
10SL	22.5/ <i>0.886</i>	18.2/ <i>0.717</i>	11.1/ <i>0.437</i>	2.8/ <i>0.110</i>	61/ <i>2.402</i>	14.2/ <i>0.559</i>	22/ <i>0.866</i>	7.6 / <i>0.299</i>
14S	29.5/ <i>1.161</i>	24.6/ <i>0.969</i>	14.3/ <i>0.563</i>	3.2/ <i>0.126</i>	64/ <i>2.520</i>	14.2/ <i>0.559</i>	25/ <i>0.984</i>	10.8/ <i>0.425</i>
16S	31.5/ <i>1.240</i>	27.4/ <i>1.079</i>	15.9/ <i>0.626</i>	3.2/ <i>0.126</i>	70/ <i>2.756</i>	14.2/ <i>0.559</i>	28/ <i>1.102</i>	12.4/ <i>0.488</i>
16	31.5/ <i>1.240</i>	27.4/ <i>1.079</i>	15.9/ <i>0.626</i>	3.2/ <i>0.126</i>	80/ <i>3.150</i>	19.0/ <i>0.748</i>	28/ <i>1.102</i>	12.4/ <i>0.488</i>
18	34.5/ <i>1.358</i>	30.8/ <i>1.213</i>	19.1/ <i>0.752</i>	4.0/ <i>0.157</i>	80/ <i>3.150</i>	19.0/ <i>0.748</i>	31/ <i>1.220</i>	15.6/ <i>0.614</i>
20	37.5/ <i>1.476</i>	34.2/ <i>1.346</i>	22.3/ <i>0.878</i>	4.0/ <i>0.157</i>	80/ <i>3.150</i>	19.0/ <i>0.748</i>	35/ <i>1.378</i>	18.7/ <i>0.736</i>
22	40.5/ <i>1.594</i>	37.4/ <i>1.472</i>	25.4/ <i>1.000</i>	4.0/ <i>0.157</i>	80/ <i>3.150</i>	19.0/ <i>0.748</i>	38/ <i>1.496</i>	21.9/ <i>0.862</i>
24	44.5/ <i>1.752</i>	40.9/ <i>1.610</i>	28.6/ <i>1.126</i>	4.0/ <i>0.157</i>	80/ <i>3.150</i>	20.6/ <i>0.811</i>	41/ <i>1.614</i>	25.1/ <i>0.988</i>
28	50.0/ <i>1.969</i>	46.7/ <i>1.839</i>	31.8/ <i>1.252</i>	4.0/ <i>0.157</i>	80/ <i>3.150</i>	20.6/ <i>0.811</i>	48/ <i>1.890</i>	28.3/ <i>1.114</i>
32	56.5/ <i>2.224</i>	53.4/ <i>2.102</i>	36.6/ <i>1.440</i>	4.0/ <i>0.157</i>	80/ <i>3.150</i>	22.2/ <i>0.874</i>	54/ <i>2.126</i>	28.3/ <i>1.114</i>
36	63.0/ <i>2.480</i>	59.6/ <i>2.346</i>	44.5/ <i>1.752</i>	4.0/ <i>0.157</i>	85/ <i>3.346</i>	22.2/ <i>0.874</i>	61/ <i>2.402</i>	41.0/ <i>1.614</i>
40	69.0/ <i>2.717</i>	65.5/ <i>2.579</i>	50.8/ <i>2.000</i>	4.0/ <i>0.157</i>	85/ <i>3.346</i>	22.2/ <i>0.874</i>	68/ <i>2.677</i>	40.6/ <i>1.600</i>

DIMENSIONS IN ITALIC ARE INCHES.

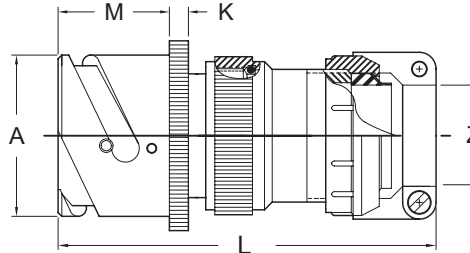
1. DIMENSION L WILL VARY FROM THE VALUES INDICATED FOR SOME SPECIAL INSERT CONFIGURATIONS.

01CF*/01CFZ*

FRONT VIEW



SIDE VIEW



SCPB01CF* Environmental, no grommet
SCPB01CFZ* Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW					
	Q	A	K	L	M	Z	
	MAX	+0.00/ +.000 -0.15/ -.006	±0.2/ ±.008	MAX	+0.4/ +.016 -0.0/ -.000	OPEN	CLOSED
10SL	22.5/ <i>0.886</i>	18.2/ <i>0.717</i>	2.8/ <i>0.110</i>	73/ <i>2.874</i>	14.2/ <i>0.559</i>	7.93/ <i>0.312</i>	2.38/ <i>0.094</i>
14S	29.5/ <i>1.161</i>	24.6/ <i>0.969</i>	3.2/ <i>0.126</i>	77/ <i>3.031</i>	14.2/ <i>0.559</i>	11.12/ <i>0.438</i>	5.84/ <i>0.230</i>
16S	31.5/ <i>1.240</i>	27.4/ <i>1.079</i>	3.2/ <i>0.126</i>	77/ <i>3.031</i>	14.2/ <i>0.559</i>	13.48/ <i>0.531</i>	8.0/ <i>0.315</i>
16	31.5/ <i>1.240</i>	27.4/ <i>1.079</i>	3.2/ <i>0.126</i>	88/ <i>3.465</i>	19.0/ <i>0.748</i>	13.48/ <i>0.531</i>	8.0/ <i>0.315</i>
18	34.5/ <i>1.358</i>	30.8/ <i>1.213</i>	4.0/ <i>0.157</i>	91/ <i>3.583</i>	19.0/ <i>0.748</i>	15.87/ <i>0.625</i>	9.6/ <i>0.378</i>
20	37.5/ <i>1.476</i>	34.2/ <i>1.346</i>	4.0/ <i>0.157</i>	91/ <i>3.583</i>	19.0/ <i>0.748</i>	19.00/ <i>0.748</i>	11.3/ <i>0.445</i>
22	40.5/ <i>1.594</i>	37.4/ <i>1.472</i>	4.0/ <i>0.157</i>	92/ <i>3.622</i>	19.0/ <i>0.748</i>	19.00/ <i>0.748</i>	11.3/ <i>0.445</i>
24	44.5/ <i>1.752</i>	40.9/ <i>1.610</i>	4.0/ <i>0.157</i>	97/ <i>3.819</i>	20.6/ <i>0.811</i>	23.80/ <i>0.937</i>	15.5/ <i>0.610</i>
28	50.0/ <i>1.969</i>	46.7/ <i>1.839</i>	4.0/ <i>0.157</i>	103/ <i>4.055</i>	20.6/ <i>0.811</i>	23.80/ <i>0.937</i>	15.5/ <i>0.610</i>
32	56.5/ <i>2.224</i>	53.4/ <i>2.102</i>	4.0/ <i>0.157</i>	113/ <i>4.449</i>	22.2/ <i>0.874</i>	31.75/ <i>1.250</i>	23.4/ <i>0.921</i>
36	63.0/ <i>2.480</i>	59.6/ <i>2.346</i>	4.0/ <i>0.157</i>	120/ <i>4.724</i>	22.2/ <i>0.874</i>	35.00/ <i>1.378</i>	23.4/ <i>0.921</i>
40	69.0/ <i>2.717</i>	65.5/ <i>2.579</i>	4.0/ <i>0.157</i>	135/ <i>5.315</i>	22.2/ <i>0.874</i>	41.25/ <i>1.624</i>	29.9/ <i>1.177</i>

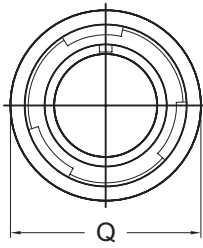
DIMENSIONS IN ITALIC ARE INCHES.



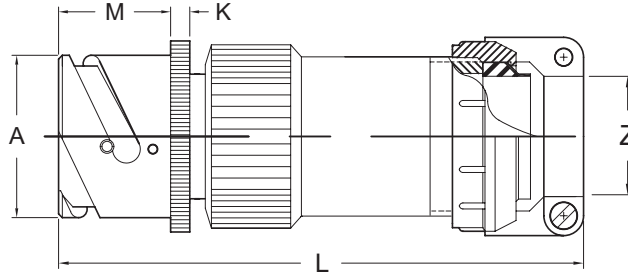
IN-LINE RECEPTACLE

01FR**(C)

FRONT VIEW



SIDE VIEW



SEE
TABLE 2

EXAMPLE PART NUMBER: SCPB01FR24-28P-08C

FINISH: BLACK ANODIZE
CONTACTS: F80 SILVER PLATED CRIMP CONTACTS

SEE TABLE 2 BELOW
(04C THRU 32C)

TABLE 1

SHELL SIZE	FRONT VIEW	SIDE VIEW			
	Q	A	K	L	M
	MAX	+0.00/ +.000 -0.15/ -.006	±0.2/ ±.008		+0.4/ +.016 -0.0/ -.000
10SL	22.5/ 0.886	18.2/ 0.717	2.8/ 0.110	* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.	14.2/ 0.559
14S	29.5/ 1.161	24.6/ 0.969	3.2/ 0.126		14.2/ 0.559
16S	31.5/ 1.240	27.4/ 1.079	3.2/ 0.126		14.2/ 0.559
16	31.5/ 1.240	27.4/ 1.079	3.2/ 0.126		19.0/ 0.748
18	34.5/ 1.358	30.8/ 1.213	4.0/ 0.157		19.0/ 0.748
20	37.5/ 1.476	34.2/ 1.346	4.0/ 0.157		19.0/ 0.748
22	40.5/ 1.594	37.4/ 1.472	4.0/ 0.157		19.0/ 0.748
24	44.5/ 1.752	40.9/ 1.610	4.0/ 0.157		20.6/ 0.811
28	50.0/ 1.969	46.7/ 1.839	4.0/ 0.157		20.6/ 0.811
32	56.5/ 2.224	53.4/ 2.102	4.0/ 0.157		22.2/ 0.874
36	63.0/ 2.480	59.6/ 2.346	4.0/ 0.157		22.2/ 0.874
40	69.0/ 2.717	65.5/ 2.579	4.0/ 0.157		22.2/ 0.874

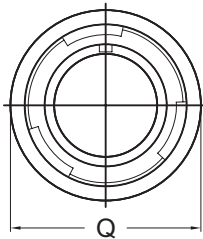
DIMENSIONS IN ITALIC ARE INCHES.
* CONSULT FACTORY

TABLE 2: CLAMP CODE

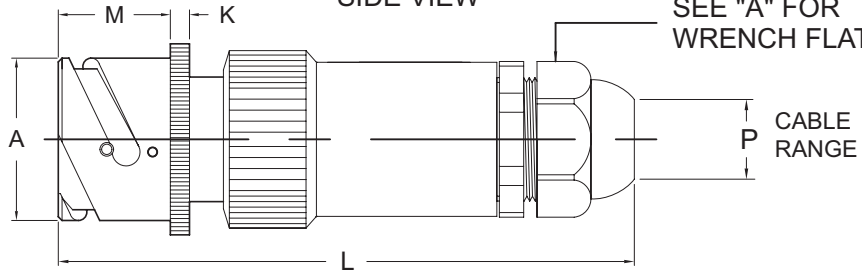
(XX) CLAMP CODE	Z - CABLE RANGE	
	OPEN	CLOSED
04C	7.92/ 0.312	2.40/ 0.094
06C	11.12/ 0.438	5.84/ 0.230
08C	13.48/ 0.531	8.0/ 0.315
10C	15.87/ 0.625	9.6/ 0.378
12C	19.00/ 0.748	11.3/ 0.445
16C	23.80/ 0.937	15.5/ 0.610
20C	31.75/ 1.250	23.4/ 0.921
24C	35.00/ 1.378	23.4/ 0.921
28C	41.25/ 1.624	29.9/ 1.177
32C	47.60/ 1.874	34.9/ 1.374

01FR**(PG)

FRONT VIEW



SIDE VIEW



SEE "A" FOR
WRENCH FLATS

P
CABLE
RANGE

EXAMPLE PART NUMBER: SCPB01FR24-28P-11R

FINISH: BLACK ANODIZE
CONTACTS: F80 SILVER PLATED CRIMP CONTACTS

SEE TABLE 2 BELOW
(07R THRU 48)

TABLE 1

SHELL SIZE	FRONT VIEW	SIDE VIEW				
	Q	A	K	L	M	
	MAX	+0.00/+ <i>.000</i> -0.15/- <i>.006</i>	±0.2/ ± <i>.008</i>		+0.4/+ <i>.016</i> -0.0/- <i>.000</i>	
10SL	22.5 / <i>0.886</i>	18.2/ <i>0.717</i>	2.8/ <i>0.110</i>	* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.	14.2/ <i>0.559</i>	
14S	29.5 / <i>1.161</i>	24.6/ <i>0.969</i>	3.2/ <i>0.126</i>		14.2/ <i>0.559</i>	
16S	31.5 / <i>1.240</i>	27.4/ <i>1.079</i>	3.2/ <i>0.126</i>		14.2/ <i>0.559</i>	
16	31.5 / <i>1.240</i>	27.4/ <i>1.079</i>	3.2/ <i>0.126</i>		19.0/ <i>0.748</i>	
18	34.5 / <i>1.358</i>	30.8/ <i>1.213</i>	4.0/ <i>0.157</i>		19.0/ <i>0.748</i>	
20	37.5 / <i>1.476</i>	34.2/ <i>1.346</i>	4.0/ <i>0.157</i>		19.0/ <i>0.748</i>	
22	40.5 / <i>1.594</i>	37.4/ <i>1.472</i>	4.0/ <i>0.157</i>		19.0/ <i>0.748</i>	
24	44.5 / <i>1.752</i>	40.9/ <i>1.610</i>	4.0/ <i>0.157</i>		20.6/ <i>0.811</i>	
28	50.0 / <i>1.969</i>	46.7/ <i>1.839</i>	4.0/ <i>0.157</i>		20.6/ <i>0.811</i>	
32	56.5 / <i>2.224</i>	53.4/ <i>2.102</i>	4.0/ <i>0.157</i>		22.2/ <i>0.874</i>	
36	63.0 / <i>2.480</i>	59.6/ <i>2.346</i>	4.0/ <i>0.157</i>		22.2/ <i>0.874</i>	
40	69.0 / <i>2.717</i>	65.5/ <i>2.579</i>	4.0/ <i>0.157</i>		22.2/ <i>0.874</i>	

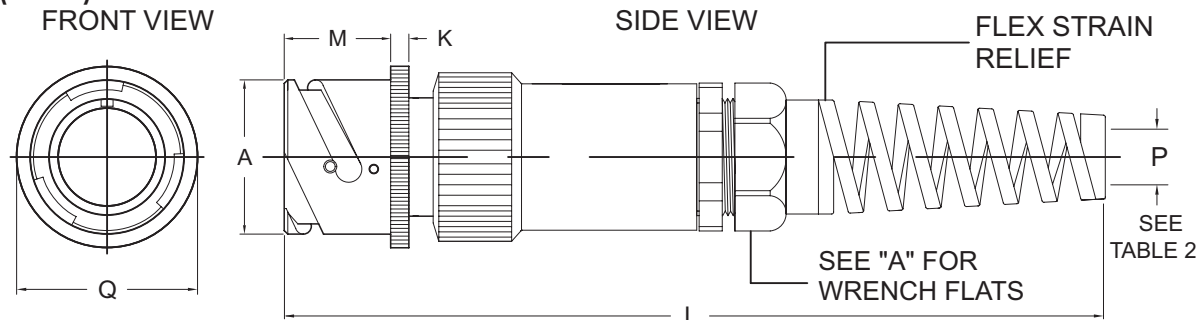
DIMENSIONS IN ITALIC ARE INCHES.
* CONSULT FACTORY

TABLE 2: CABLE RANGE CODE

(XX) CABLE CODE NO STRAIN RELIEF	TYPE	P CABLE RANGE	A WRENCH FLATS
07R	PG7	2.0-5.0 / 0.08-0.20	15.0 / 0.591
07	PG7	3.0-6.5 / 0.12-0.26	15.0 / 0.591
09R	PG9	2.0-6.0 / 0.08-0.24	19.0 / 0.748
09	PG9	4.0-8.0 / 0.16-0.31	19.0 / 0.748
11R	PG11	3.0-7.0 / 0.12-0.28	22.0 / 0.866
11	PG11	5.0-10.0 / 0.20-0.39	22.0 / 0.866
13R	PG13.5	5.0-9.0 / 0.20-0.35	24.0 / 0.945
13	PG13.5	6.0-12.0 / 0.24-0.47	24.0 / 0.945
16R	PG16	7.0-12.0 / 0.28-0.47	27.0 / 1.063
16	PG16	10.0-14.0 / 0.39-0.55	27.0 / 1.063
21R	PG21	9.0-16.0 / 0.35-0.63	33.0 / 1.299
21	PG21	13.0-18.0 / 0.51-0.71	33.0 / 1.299
29R	PG29	12.0-20.0 / 0.47-0.79	42.0 / 1.654
29	PG29	18.0-25.0 / 0.71-0.98	42.0 / 1.654
36R	PG36	20.0-26.0 / 0.79-1.02	53.0 / 2.087
36	PG36	22.0-32.0 / 0.87-1.26	53.0 / 2.087
42	PG42	30.0-38.0 / 1.18-1.50	60.0 / 2.362
48	PG48	34.0-44.0 / 1.34-1.73	65.0 / 2.559

IN-LINE RECEPTACLE

01FR**(SPB)



EXAMPLE PART NUMBER: SCPB01FR24-28P-SPB16R

FINISH: BLACK ANODIZE

CONTACTS: F80 SILVER PLATED CRIMP CONTACTS

TABLE 1

SEE TABLE 2 BELOW
(04C THRU 32C)

TABLE 2: CABLE RANGE CODE

SHELL SIZE	FRONT VIEW	SIDE VIEW			
	Q	A	K	L	M
	MAX	+0.00/+0.000 -0.15/-0.006	±0.2/ ±0.008		+0.4/+0.016 -0.0/-0.000
10SL	22.5 / 0.886	18.2/ 0.717	2.8/ 0.110	* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.	14.2/ 0.559
14S	29.5 / 1.161	24.6/ 0.969	3.2/ 0.126		14.2/ 0.559
16S	31.5 / 1.240	27.4/ 1.079	3.2/ 0.126		14.2/ 0.559
16	31.5 / 1.240	27.4/ 1.079	3.2/ 0.126		19.0/ 0.748
18	34.5 / 1.358	30.8/ 1.213	4.0/ 0.157		19.0/ 0.748
20	37.5 / 1.476	34.2/ 1.346	4.0/ 0.157		19.0/ 0.748
22	40.5 / 1.594	37.4/ 1.472	4.0/ 0.157		19.0/ 0.748
24	44.5 / 1.752	40.9/ 1.610	4.0/ 0.157		20.6/ 0.811
28	50.0 / 1.969	46.7/ 1.839	4.0/ 0.157		20.6/ 0.811
32	56.5 / 2.224	53.4/ 2.102	4.0/ 0.157		22.2/ 0.874
36	63.0 / 2.480	59.6/ 2.346	4.0/ 0.157		22.2/ 0.874
40	69.0 / 2.717	65.5/ 2.579	4.0/ 0.157		22.2/ 0.874

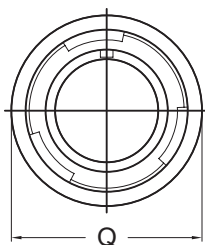
DIMENSIONS IN ITALIC ARE INCHES.

* CONSULT FACTORY

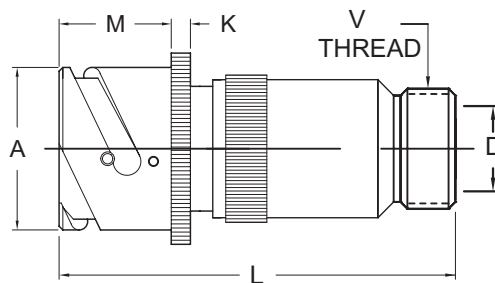
(XX) CABLE CODE	TYPE	P CABLE RANGE	A WRENCH FLATS
SPB07R	PG7	2.0-5.0 / 0.08-0.20	15.0 / 0.591
SPB07	PG7	3.0-6.5 / 0.12-0.26	15.0 / 0.591
SPB09R	PG9	2.0-6.0 / 0.08-0.24	19.0 / 0.748
SPB09	PG9	4.0-8.0 / 0.16-0.31	19.0 / 0.748
SPB11R	PG11	3.0-7.0 / 0.12-0.28	22.0 / 0.866
SPB11	PG11	5.0-10.0 / 0.20-0.39	22.0 / 0.866
SPB13R	PG13.5	5.0-9.0 / 0.20-0.35	24.0 / 0.945
SPB13	PG13.5	6.0-12.0 / 0.24-0.47	24.0 / 0.945
SPB16R	PG16	7.0-12.0 / 0.28-0.47	27.0 / 1.063
SPB16	PG16	10.0-14.0 / 0.39-0.55	27.0 / 1.063
SPB21R	PG21	9.0-16.0 / 0.35-0.63	33.0 / 1.299
SPB21	PG21	13.0-18.0 / 0.51-0.71	33.0 / 1.299
SPB29R	PG29	12.0-20.0 / 0.47-0.79	42.0 / 1.654
SPB29	PG29	18.0-25.0 / 0.71-0.98	42.0 / 1.654
SPB36R	PG36	20.0-26.0 / 0.79-1.02	53.0 / 2.087
SPB36	PG36	22.0-32.0 / 0.87-1.26	53.0 / 2.087
SPB42	PG42	30.0-38.0 / 1.18-1.50	60.0 / 2.362
SPB48	PG48	34.0-44.0 / 1.34-1.73	65.0 / 2.559

01LA*/01LR*

FRONT VIEW



SIDE VIEW



SCPB00LA* Non-environmental, no grommet

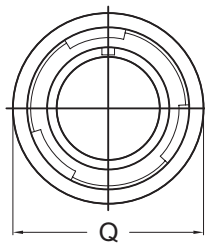
SCPB00LR* Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW					
	Q	A	D	K	L	M	V
	MAX	+0.00/+ <i>.000</i> -0.15/- <i>.006</i>	MIN.	±0.2/ ± <i>.008</i>	MAX.	+0.4/ + <i>.016</i> -0.0/- <i>.000</i>	THREAD CLASS 2A
10SL	22.5/ <i>0.886</i>	18.2/ <i>0.717</i>	8.2/ <i>0.323</i>	2.8/ <i>0.110</i>	71/ <i>2.79</i>	14.2/ <i>0.559</i>	5/8-24 UNEF
14S	29.5/ <i>1.161</i>	24.6/ <i>0.969</i>	11.1/ <i>0.437</i>	3.2/ <i>0.126</i>	71/ <i>2.79</i>	14.2/ <i>0.559</i>	3/4-20 UNEF
16S	31.5/ <i>1.240</i>	27.4/ <i>1.079</i>	14.3/ <i>0.563</i>	3.2/ <i>0.126</i>	71/ <i>2.79</i>	14.2/ <i>0.559</i>	7/8-20 UNEF
16	31.5/ <i>1.240</i>	27.4/ <i>1.079</i>	14.3/ <i>0.563</i>	3.2/ <i>0.126</i>	87/ <i>3.42</i>	19.0/ <i>0.748</i>	7/8-20 UNEF
18	34.5/ <i>1.358</i>	30.8/ <i>1.213</i>	16.7/ <i>0.657</i>	4.0/ <i>0.157</i>	87/ <i>3.42</i>	19.0/ <i>0.748</i>	1-20 UNEF
20	37.5/ <i>1.476</i>	34.2/ <i>1.346</i>	19.8/ <i>0.780</i>	4.0/ <i>0.157</i>	87/ <i>3.42</i>	19.0/ <i>0.748</i>	1 3/16-18 UNEF
22	40.5/ <i>1.594</i>	37.4/ <i>1.472</i>	19.8/ <i>0.780</i>	4.0/ <i>0.157</i>	87/ <i>3.42</i>	19.0/ <i>0.748</i>	1 3/16-18 UNEF
24	44.5/ <i>1.752</i>	40.9/ <i>1.610</i>	25.4/ <i>1.000</i>	4.0/ <i>0.157</i>	87/ <i>3.42</i>	20.6/ <i>0.811</i>	1 7/16-18 UNEF
28	50.0/ <i>1.969</i>	46.7/ <i>1.839</i>	27.0/ <i>1.063</i>	4.0/ <i>0.157</i>	95/ <i>3.74</i>	20.6/ <i>0.811</i>	1 7/16-18 UNEF
32	56.5/ <i>2.224</i>	53.4/ <i>2.102</i>	32.5/ <i>1.280</i>	4.0/ <i>0.157</i>	95/ <i>3.74</i>	22.2/ <i>0.874</i>	1 3/4-18 UNS
36	63.0/ <i>2.480</i>	59.6/ <i>2.346</i>	35.7/ <i>1.406</i>	4.0/ <i>0.157</i>	95/ <i>3.74</i>	22.2/ <i>0.874</i>	2-18 UNS
40	69.0/ <i>2.717</i>	65.5/ <i>2.579</i>	45.0/ <i>1.772</i>	4.0/ <i>0.157</i>	95/ <i>3.74</i>	22.2/ <i>0.874</i>	2 1/4-16 UN

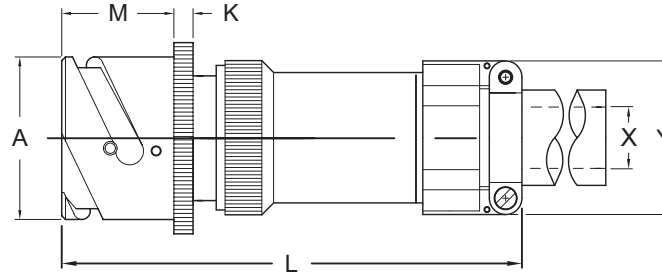
DIMENSIONS IN ITALIC ARE INCHES.



FRONT VIEW



SIDE VIEW



SCPB01LAF*
SCPB01LF*

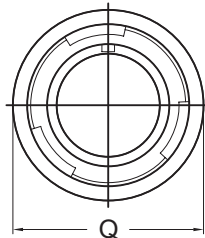
Non-environmental, no grommet
Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW					
	Q MAX	A +0.00/+0.000 -0.15/-0.006	K ±0.2/±0.008	L MAX	M +0.4/+0.016 -0.0/-0.000	X MIN	Y MAX
10SL	22.5/0.886	18.2/0.717	2.8/0.110	92/3.622	14.2/0.559	5.6/0.220	22.7/0.894
14S	29.5/1.161	24.6/0.969	3.2/0.126	93/3.661	14.2/0.559	7.9/0.311	27.5/1.083
16S	31.5/1.240	27.4/1.079	3.2/0.126	95/3.740	14.2/0.559	11.0/0.433	30.0/1.181
16	31.5/1.240	27.4/1.079	3.2/0.126	111/4.370	19.0/0.748	11.0/0.433	30.0/1.181
18	34.5/1.358	30.8/1.213	4.0/0.157	111/4.370	19.0/0.748	14.2/0.559	32.2/1.268
20	37.5/1.476	34.2/1.346	4.0/0.157	111/4.370	19.0/0.748	15.8/0.622	37.5/1.476
22	40.5/1.594	37.4/1.472	4.0/0.157	111/4.370	19.0/0.748	15.8/0.622	37.5/1.476
24	44.5/1.752	40.9/1.610	4.0/0.157	113/4.449	20.6/0.811	19.0/0.748	43.3/1.705
28	50.0/1.969	46.7/1.839	4.0/0.157	121/4.764	20.6/0.811	19.0/0.748	43.3/1.705
32	56.5/2.224	53.4/2.102	4.0/0.157	123/4.842	22.2/0.874	23.8/1.051	51.7/2.035
36	63.0/2.480	59.6/2.346	4.0/0.157	125/4.921	22.2/0.874	31.7/1.248	58.0/2.283
40	69.0/2.717	65.5/2.579	4.0/0.157	138/5.433	22.2/0.874	34.9/1.374	65.5/2.579

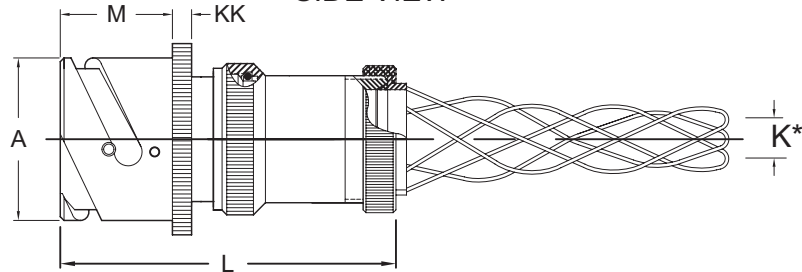
DIMENSIONS IN ITALIC ARE INCHES.

01LCG*/01LC*

FRONT VIEW



SIDE VIEW



SCPB01LCG*
SCPB01LC*

Environmental, no grommet
Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW				
	Q MAX	A +0.00/+0.000 -0.15/-0.006	KK ±0.2/±0.008	L ¹ MAX	M +0.4/+0.016 -0.0/-0.000	
10SL	22.5/0.886	18.2/0.717	2.8/0.110	100/3.937	14.2/0.559	
14S	29.5/1.161	24.6/0.969	3.2/0.126	100/3.937	14.2/0.559	
16S	31.5/1.240	27.4/1.079	3.2/0.126	100/3.937	14.2/0.559	
16	31.5/1.240	27.4/1.079	3.2/0.126	110/4.331	19.0/0.748	
18	34.5/1.358	30.8/1.213	4.0/0.157	110/4.331	19.0/0.748	
20	37.5/1.476	34.2/1.346	4.0/0.157	116/4.567	19.0/0.748	
22	40.5/1.594	37.4/1.472	4.0/0.157	116/4.567	19.0/0.748	
24	44.5/1.752	40.9/1.610	4.0/0.157	120/4.724	20.6/0.811	
28	50.0/1.969	46.7/1.839	4.0/0.157	129/5.079	20.6/0.811	
32	56.5/2.224	53.4/2.102	4.0/0.157	145/5.709	22.2/0.874	
36	63.0/2.480	59.6/2.346	4.0/0.157	145/5.709	22.2/0.874	
40	69.0/2.717	65.5/2.579	4.0/0.157	145/5.709	22.2/0.874	

DIMENSIONS IN ITALIC ARE INCHES.

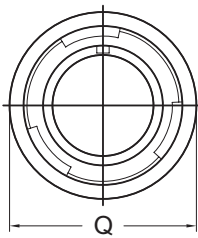
K*	CABLE RANGE	
	MIN	MAX
K0	6.35/0.250	9.53/0.375
K1	9.53/0.375	12.7/0.500
K2	12.7/0.500	15.87/0.625
K3	15.87/0.625	19.05/0.750
K4	19.05/0.750	22.23/0.875
K5	22.23/0.875	25.4/1.000
K6	25.4/1.000	28.45/1.120
K7	28.45/1.120	31.75/1.250
K8	32.77/1.290	38.1/1.500
K9	39.62/1.560	41.28/1.625
K10	41.28/1.625	44.45/1.750

1. DIMENSION L WILL VARY FROM THE VALUES INDICATED WITH ESCALATING OR DE-ESCALATING BACKSHELLS AND SOME SPECIAL INSERT CONFIGURATIONS.

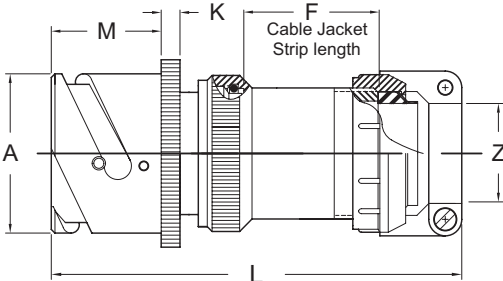
IN-LINE RECEPTACLE

01LCF*/01LCFZ*

FRONT VIEW



SIDE VIEW



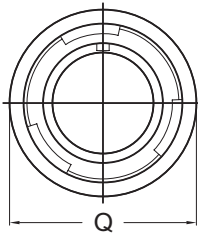
SCPB01LCF* Environmental, no grommet
SCPB01LCFZ* Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW						
	Q	A	F	K	L	M	Z	
	MAX	+0.00/+0.000 -0.15/-0.006	REF	±0.2/ ±0.08	MAX	+0.4/+0.016 -0.0/-0.000	OPEN	CLOSED
10SL	22.5/0.886	18.2/0.717	42.0/1.654	2.8/0.110	101/3.976	14.2/0.559	7.93/0.312	2.38/0.094
14S	29.5/1.161	24.6/0.969	42.6/1.677	3.2/0.126	101/3.976	14.2/0.559	11.12/0.438	5.84/0.230
16S	31.5/1.240	27.4/1.079	42.6/1.677	3.2/0.126	101/3.976	14.2/0.559	13.48/0.531	8.0/0.315
16	31.5/1.240	27.4/1.079	42.6/1.677	3.2/0.126	114/4.488	19.0/0.748	13.48/0.531	8.0/0.315
18	34.5/1.358	30.8/1.213	45.8/1.803	4.0/0.157	119/4.685	19.0/0.748	15.87/0.625	9.6/0.378
20	37.5/1.476	34.2/1.346	45.9/1.807	4.0/0.157	119/4.685	19.0/0.748	19.00/0.748	11.3/0.445
22	40.5/1.594	37.4/1.472	45.9/1.807	4.0/0.157	119/4.685	19.0/0.748	19.00/0.748	11.3/0.445
24	44.5/1.752	40.9/1.610	44.5/1.752	4.0/0.157	124/4.882	20.6/0.811	23.80/0.937	15.5/0.610
28	50.0/1.969	46.7/1.839	49.5/1.949	4.0/0.157	130/5.118	20.6/0.811	23.80/0.937	15.5/0.610
32	56.5/2.224	53.4/2.102	49.6/1.953	4.0/0.157	137/5.394	22.2/0.874	31.75/1.250	23.4/0.921
36	63.0/2.480	59.6/2.346	50.0/1.969	4.0/0.157	144/5.669	22.2/0.874	35.00/1.378	23.4/0.921
40	69.0/2.717	65.5/2.579	50.0/1.969	4.0/0.157	144/5.669	22.2/0.874	41.25/1.624	29.9/1.177

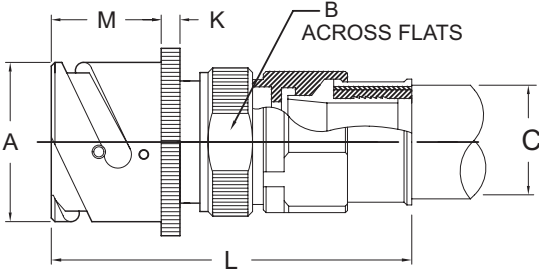
DIMENSIONS IN ITALIC ARE INCHES.

01NMG*/01NM*

FRONT VIEW



SIDE VIEW

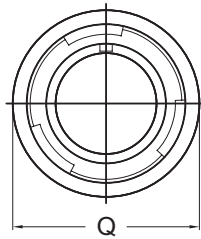


SCPB01NMG* Environmental, no grommet
SCPB01NM* Environmental with grommet

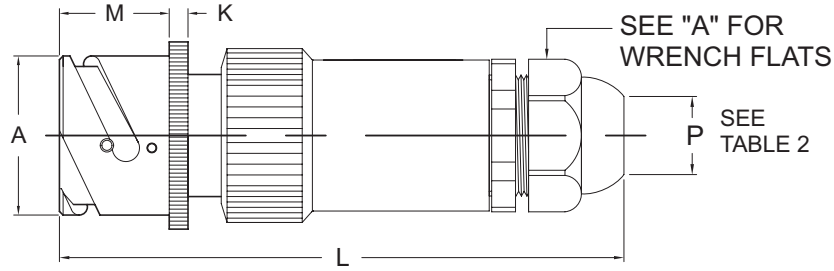
SHELL SIZE	FRONT VIEW	SIDE VIEW					CODE (***)	AVAILABLE CONDUIT SIZES C
	Q	A	B	K	L	M		
	MAX	+0.00/ +0.000 -0.15/ -0.006	ACROSS FLATS	±0.2/ ±0.08		+0.4/ +0.016 -0.0/ -0.000		
10SL	22.5/ 0.886	18.2/ 0.717	17.8/ 0.701	2.8/ 0.110	Dimension L is dependent on conduit size used with each shell size. (consult factory)	14.2/ 0.559	(038)	9.52 / 3/8
14S	29.5/ 1.161	24.6/ 0.969	23.8/ 0.937	3.2/ 0.126		14.2/ 0.559	(050)	12.70 / 1/2
16S	31.5/ 1.240	27.4/ 1.079	25.4/ 1.000	3.2/ 0.126		14.2/ 0.559	(075)	19.05 / 3/4
16	31.5/ 1.240	27.4/ 1.079	25.4/ 1.000	3.2/ 0.126		19.0/ 0.748	(100)	25.40 / 1
18	34.5/ 1.358	30.8/ 1.213	28.6/ 1.126	4.0/ 0.157		19.0/ 0.748	(125)	31.75 / 1 1/4
20	37.5/ 1.476	34.2/ 1.346	31.7/ 1.248	4.0/ 0.157		19.0/ 0.748	(150)	38.10 / 1 1/2
22	40.5/ 1.594	37.4/ 1.472	34.9/ 1.374	4.0/ 0.157		19.0/ 0.748	(200)	50.80 / 2
24	44.5/ 1.752	40.9/ 1.610	38.1/ 1.500	4.0/ 0.157		20.6/ 0.811	(***) Conduit Size must be specified as part of the connector part number using Conduit Code	
28	50.0/ 1.969	46.7/ 1.839	44.4/ 1.748	4.0/ 0.157		20.6/ 0.811		
32	56.5/ 2.224	53.4/ 2.102	50.8/ 2.000	4.0/ 0.157		22.2/ 0.874		
36	63.0/ 2.480	59.6/ 2.346	57.1/ 2.248	4.0/ 0.157		22.2/ 0.874		
40	69.0/ 2.717	65.5/ 2.579	61.9/ 2.437	4.0/ 0.157		22.2/ 0.874		

DIMENSIONS IN ITALIC ARE INCHES.

FRONT VIEW



SIDE VIEW



SCPBO1SL* Environmental, no grommet
SCPBO1SL1* Environmental with grommet

TABLE 1

SHELL SIZE	FRONT VIEW	SIDE VIEW			
	Q MAX	A +0.00/+.000 -0.15/-.006	K ±0.2/±.008	L	M +0.4/+.016 -0.0/-0.000
10SL	22.5 / 0.886	18.2/ 0.717	2.8/ 0.110	* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.	14.2/ 0.559
14S	29.5 / 1.161	24.6/ 0.969	3.2/ 0.126		14.2/ 0.559
16S	31.5 / 1.240	27.4/ 1.079	3.2/ 0.126		14.2/ 0.559
16	31.5 / 1.240	27.4/ 1.079	3.2/ 0.126		19.0/ 0.748
18	34.5 / 1.358	30.8/ 1.213	4.0/ 0.157		19.0/ 0.748
20	37.5 / 1.476	34.2/ 1.346	4.0/ 0.157		19.0/ 0.748
22	40.5 / 1.594	37.4/ 1.472	4.0/ 0.157		19.0/ 0.748
24	44.5 / 1.752	40.9/ 1.610	4.0/ 0.157		20.6/ 0.811
28	50.0 / 1.969	46.7/ 1.839	4.0/ 0.157		20.6/ 0.811
32	56.5 / 2.224	53.4/ 2.102	4.0/ 0.157		22.2/ 0.874
36	63.0 / 2.480	59.6/ 2.346	4.0/ 0.157		22.2/ 0.874
40	69.0 / 2.717	65.5/ 2.579	4.0/ 0.157		22.2/ 0.874

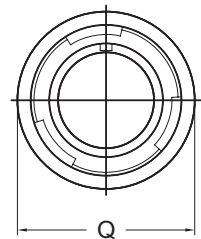
DIMENSIONS IN ITALIC ARE INCHES.

* CONSULT FACTORY

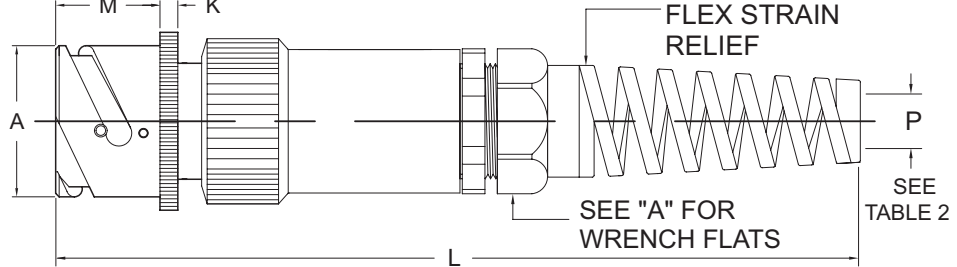
TABLE 2: CABLE RANGE CODE

(XX) CABLE CODE	TYPE	P CABLE RANGE	A WRENCH FLATS
07R	PG7	2.0-5.0 / 0.08-0.20	15.0/ 0.591
07	PG7	3.0-6.5 / 0.12-0.26	15.0/ 0.591
09R	PG9	2.0-6.0 / 0.08-0.24	19.0/ 0.748
09	PG9	4.0-8.0 / 0.16-0.31	19.0/ 0.748
11R	PG11	3.0-7.0 / 0.12-0.28	22.0/ 0.866
11	PG11	5.0-10.0 / 0.20-0.39	22.0/ 0.866
13R	PG13.5	5.0-9.0 / 0.20-0.35	24.0/ 0.945
13	PG13.5	6.0-12.0 / 0.24-0.47	24.0/ 0.945
16R	PG16	7.0-12.0 / 0.28-0.47	27.0/ 1.063
16	PG16	10.0-14.0 / 0.39-0.55	27.0/ 1.063
21R	PG21	9.0-16.0 / 0.35-0.63	33.0/ 1.299
21	PG21	13.0-18.0 / 0.51-0.71	33.0/ 1.299
29R	PG29	12.0-20.0 / 0.47-0.79	42.0/ 1.654
29	PG29	18.0-25.0 / 0.71-0.98	42.0/ 1.654
36R	PG36	20.0-26.0 / 0.79-1.02	53.0/ 2.087
36	PG36	22.0-32.0 / 0.87-1.26	53.0/ 2.087
42	PG42	30.0-38.0 / 1.18-1.50	60.0/ 2.362
48	PG48	34.0-44.0 / 1.34-1.73	65.0/ 2.559

FRONT VIEW



SIDE VIEW



SCPBO1SLX* Environmental, no grommet
SCPBO1SLX1* Environmental with grommet

TABLE 1

SHELL SIZE	FRONT VIEW	SIDE VIEW			
	Q MAX	A +0.00/+.000 -0.15/-.006	K ±0.2/±.008	L	M +0.4/+.016 -0.0/-0.000
10SL	22.5 / 0.886	18.2/ 0.717	2.8/ 0.110	* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.	14.2/ 0.559
14S	29.5 / 1.161	24.6/ 0.969	3.2/ 0.126		14.2/ 0.559
16S	31.5 / 1.240	27.4/ 1.079	3.2/ 0.126		14.2/ 0.559
16	31.5 / 1.240	27.4/ 1.079	3.2/ 0.126		19.0/ 0.748
18	34.5 / 1.358	30.8/ 1.213	4.0/ 0.157		19.0/ 0.748
20	37.5 / 1.476	34.2/ 1.346	4.0/ 0.157		19.0/ 0.748
22	40.5 / 1.594	37.4/ 1.472	4.0/ 0.157		19.0/ 0.748
24	44.5 / 1.752	40.9/ 1.610	4.0/ 0.157		20.6/ 0.811
28	50.0 / 1.969	46.7/ 1.839	4.0/ 0.157		20.6/ 0.811
32	56.5 / 2.224	53.4/ 2.102	4.0/ 0.157		22.2/ 0.874
36	63.0 / 2.480	59.6/ 2.346	4.0/ 0.157		22.2/ 0.874
40	69.0 / 2.717	65.5/ 2.579	4.0/ 0.157		22.2/ 0.874

DIMENSIONS IN ITALIC ARE INCHES.

* CONSULT FACTORY

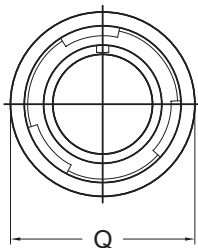
TABLE 2: CABLE RANGE CODE

(XX) CABLE CODE	TYPE	P CABLE RANGE	A WRENCH FLATS
SPB07R	PG7	2.0-5.0 / 0.08-0.20	15.0 / 0.591
SPB07	PG7	3.0-6.5 / 0.12-0.26	15.0 / 0.591
SPB09R	PG9	2.0-6.0 / 0.08-0.24	19.0 / 0.748
SPB09	PG9	4.0-8.0 / 0.16-0.31	19.0 / 0.748
SPB11R	PG11	3.0-7.0 / 0.12-0.28	22.0 / 0.866
SPB11	PG11	5.0-10.0 / 0.20-0.39	22.0 / 0.866
SPB13R	PG13.5	5.0-9.0 / 0.20-0.35	24.0 / 0.945
SPB13	PG13.5	6.0-12.0 / 0.24-0.47	24.0 / 0.945
SPB16R	PG16	7.0-12.0 / 0.28-0.47	27.0 / 1.063
SPB16	PG16	10.0-14.0 / 0.39-0.55	27.0 / 1.063
SPB21R	PG21	9.0-16.0 / 0.35-0.63	33.0 / 1.299
SPB21	PG21	13.0-18.0 / 0.51-0.71	33.0 / 1.299
SPB29R	PG29	12.0-20.0 / 0.47-0.79	42.0 / 1.654
SPB29	PG29	18.0-25.0 / 0.71-0.98	42.0 / 1.654
SPB36R	PG36	20.0-26.0 / 0.79-1.02	53.0 / 2.087
SPB36	PG36	22.0-32.0 / 0.87-1.26	53.0 / 2.087
SPB42	PG42	30.0-38.0 / 1.18-1.50	60.0 / 2.362
SPB48	PG48	34.0-44.0 / 1.34-1.73	65.0 / 2.559

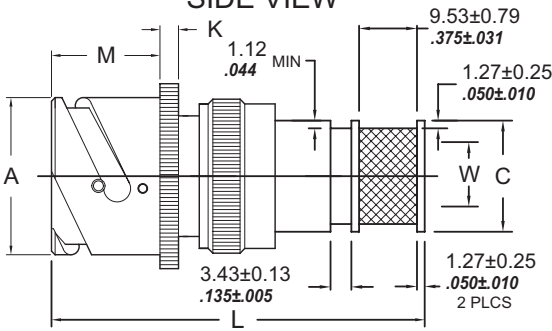
IN-LINE RECEPTACLE

01STG*/01ST*

FRONT VIEW



SIDE VIEW



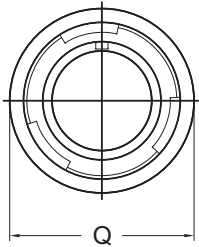
SCP B01STG* Environmental, no grommet with spin coupling nut backshell
SCP B01ST* Environmental with grommet with spin coupling nut backshell

SHELL SIZE	FRONT VIEW	SIDE VIEW					
	Q	A	C	K	L	M	W
	MAX	+0.00/+0.000 -0.15/-0.006	MAX	±0.2/±0.008	MAX	+0.4/+0.016 -0.0/-0.000	MIN
10SL	22.5/0.886	18.2/0.717	12.70/0.500	2.8/0.110	61.0/2.400	14.2/0.559	7.92/0.312
14S	29.5/1.161	24.6/0.969	16.00/0.630	3.2/0.126	61.6/2.425	14.2/0.559	11.18/0.440
16S	31.5/1.240	27.4/1.079	17.78/0.700	3.2/0.126	61.0/2.400	14.2/0.559	12.70/0.500
16	31.5/1.240	27.4/1.079	17.78/0.700	3.2/0.126	66.7/2.625	19.0/0.748	12.70/0.500
18	34.5/1.358	30.8/1.213	20.57/0.810	4.0/0.157	66.7/2.625	19.0/0.748	15.87/0.625
20	37.5/1.476	34.2/1.346	20.57/0.810	4.0/0.157	66.7/2.625	19.0/0.748	15.87/0.625
22	40.5/1.594	37.4/1.472	22.10/0.870	4.0/0.157	66.7/2.625	19.0/0.748	17.53/0.690
24	44.5/1.752	40.9/1.610	23.87/0.940	4.0/0.157	68.6/2.700	20.6/0.811	19.05/0.750
28	50.0/1.969	46.7/1.839	26.90/1.060	4.0/0.157	68.6/2.700	20.6/0.811	22.23/0.875
32	56.5/2.224	53.4/2.102	CONSULT SALES	4.0/0.157	CONSULT SALES	22.2/0.874	CONSULT SALES
36	63.0/2.480	59.6/2.346		4.0/0.157		22.2/0.874	
40	69.0/2.717	65.5/2.579		4.0/0.157		22.2/0.874	

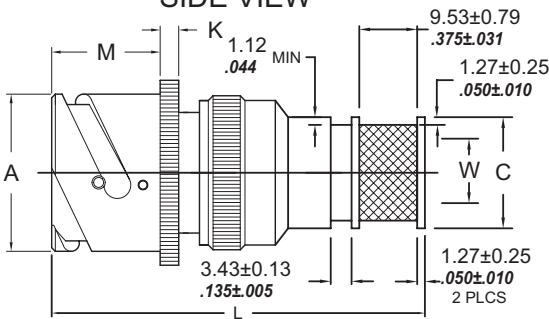
DIMENSIONS IN ITALIC ARE INCHES.

01SUG*/01SU*

FRONT VIEW



SIDE VIEW

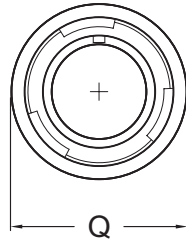


SCP B01SUG* Environmental, no grommet with solid backshell
SCP B01SU* Environmental with grommet with solid backshell

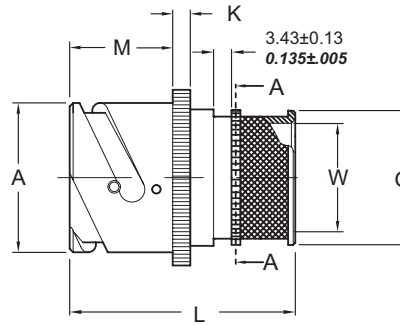
SHELL SIZE	FRONT VIEW	SIDE VIEW					
	Q	A	C	K	L	M	W
	MAX	+0.00/+0.000 -0.15/-0.006	±0.08/±0.003	±0.2/±0.008	MAX	+0.4/+0.016 -0.0/-0.000	±0.13/±0.005
10SL	22.5/0.886	18.2/0.717	12.70/0.500	2.8/0.110	61.0/2.400	14.2/0.559	7.92/0.312
14S	29.5/1.161	24.6/0.969	16.00/0.630	3.2/0.126	61.6/2.425	14.2/0.559	11.18/0.440
16S	31.5/1.240	27.4/1.079	17.78/0.700	3.2/0.126	61.0/2.400	14.2/0.559	12.70/0.500
16	31.5/1.240	27.4/1.079	17.78/0.700	3.2/0.126	66.7/2.625	19.0/0.748	12.70/0.500
18	34.5/1.358	30.8/1.213	20.57/0.810	4.0/0.157	66.7/2.625	19.0/0.748	15.87/0.625
20	37.5/1.476	34.2/1.346	20.57/0.810	4.0/0.157	66.7/2.625	19.0/0.748	15.87/0.625
22	40.5/1.594	37.4/1.472	22.10/0.870	4.0/0.157	66.7/2.625	19.0/0.748	17.53/0.690
24	44.5/1.752	40.9/1.610	23.87/0.940	4.0/0.157	68.6/2.700	20.6/0.811	19.05/0.750
28	50.0/1.969	46.7/1.839	26.90/1.060	4.0/0.157	68.6/2.700	20.6/0.811	22.23/0.875
32	56.5/2.224	53.4/2.102	CONSULT SALES	4.0/0.157	CONSULT SALES	22.2/0.874	CONSULT SALES
36	63.0/2.480	59.6/2.346		4.0/0.157		22.2/0.874	
40	69.0/2.717	65.5/2.579		4.0/0.157		22.2/0.874	

DIMENSIONS IN ITALIC ARE INCHES.

FRONT VIEW



SIDE VIEW



SHELL SIZES:
10SL, 14S & 16S
6.35±0.13
0.250±0.005
FOR .125 BAND

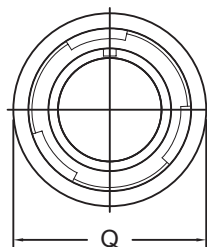
SHELL SIZES:
16-40
9.14±0.13
0.360±0.005
FOR .240 BAND

SCPB01SV* Environmental, no grommet

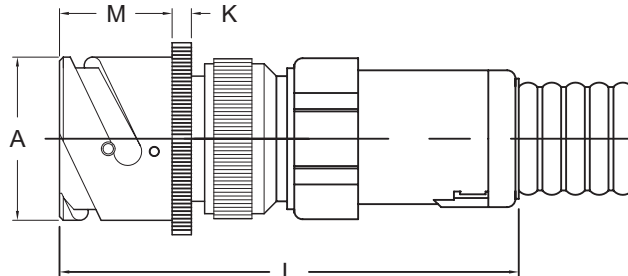
SHELL SIZE	FRONT VIEW	SIDE VIEW							
	Q	A	G	K	L	M	W	X	
	MAX	+0.00/+0.000 -0.15/-0.006	±0.2/±0.008	±0.2/±0.008	MAX	+0.4/+0.016 -0.0/-0.000	MIN	±0.4/±0.016	
								.240 BAND	.120 BAND
10SL	22.5/ 0.886	18.2/ 0.717	16.1/ 0.632	2.8/ 0.110	33.53/ 1.320	14.2/ 0.559	12.1/ 0.475	-	5.8/ 0.230
14S	29.5/ 1.161	24.6/ 0.969	19.2/ 0.755	3.2/ 0.126	33.53/ 1.320	14.2/ 0.559	15.4/ 0.605	-	5.8/ 0.230
16S	31.5/ 1.240	27.4/ 1.079	22.4/ 0.880	3.2/ 0.126	33.53/ 1.320	14.2/ 0.559	18.7/ 0.735	-	5.8/ 0.230
16	31.5/ 1.240	27.4/ 1.079	22.4/ 0.880	3.2/ 0.126	42.80/ 1.685	19.0/ 0.748	18.7/ 0.735	3.7/ 0.145	-
18	34.5/ 1.358	30.8/ 1.213	25.5/ 1.005	4.0/ 0.157	42.80/ 1.685	19.0/ 0.748	21.9/ 0.860	3.7/ 0.145	-
20	37.5/ 1.476	34.2/ 1.346	28.7/ 1.130	4.0/ 0.157	42.80/ 1.685	19.0/ 0.748	24.8/ 0.975	3.7/ 0.145	-
22	40.5/ 1.594	37.4/ 1.472	31.9/ 1.255	4.0/ 0.157	42.80/ 1.685	19.0/ 0.748	28.1/ 1.105	3.7/ 0.145	-
24	44.5/ 1.752	40.9/ 1.610	35.1/ 1.380	4.0/ 0.157	42.80/ 1.685	20.6/ 0.811	31.2/ 1.230	3.7/ 0.145	-
28	50.0/ 1.969	46.7/ 1.839	41.4/ 1.630	4.0/ 0.157	43.82/ 1.725	20.6/ 0.811	35.9/ 1.415	4.7/ 0.185	-
32	56.5/ 2.224	53.4/ 2.102	47.8/ 1.880	4.0/ 0.157	43.82/ 1.725	22.2/ 0.874	43.1/ 1.695	4.7/ 0.185	-
36	63.0/ 2.480	59.6/ 2.346	52.5/ 2.067	4.0/ 0.157	43.82/ 1.725	22.2/ 0.874	48.0/ 1.890	4.7/ 0.185	-
40	69.0/ 2.717	65.5/ 2.579	58.9/ 2.317	4.0/ 0.157	43.82/ 1.725	22.2/ 0.874	53.8/ 2.120	4.7/ 0.185	-

DIMENSIONS IN *ITALIC* ARE INCHES.

FRONT VIEW



SIDE VIEW



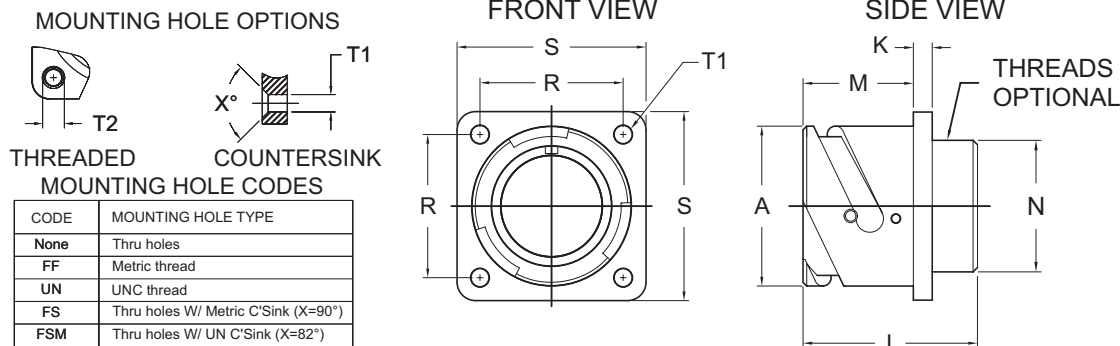
SCPB01TRAC* Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW			
	Q	A	K	L	M
	MAX	+0.00/+0.000 -0.15/-0.006	±0.2/±0.008		+0.4/+0.016 -0.0/-0.000
10SL	22.5/ 0.886	18.2/ 0.717	2.8/ 0.110		14.2/ 0.559
14S	29.5/ 1.161	24.6/ 0.969	3.2/ 0.126		14.2/ 0.559
16S	31.5/ 1.240	27.4/ 1.079	3.2/ 0.126		14.2/ 0.559
16	31.5/ 1.240	27.4/ 1.079	3.2/ 0.126	* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.	19.0/ 0.748
18	34.5/ 1.358	30.8/ 1.213	4.0/ 0.157		19.0/ 0.748
20	37.5/ 1.476	34.2/ 1.346	4.0/ 0.157		19.0/ 0.748
22	40.5/ 1.594	37.4/ 1.472	4.0/ 0.157		19.0/ 0.748
24	44.5/ 1.752	40.9/ 1.610	4.0/ 0.157		20.6/ 0.811
28	50.0/ 1.969	46.7/ 1.839	4.0/ 0.157		20.6/ 0.811
32	56.5/ 2.224	53.4/ 2.102	4.0/ 0.157		22.2/ 0.874
36	63.0/ 2.480	59.6/ 2.346	4.0/ 0.157		22.2/ 0.874
40	69.0/ 2.717	65.5/ 2.579	4.0/ 0.157		22.2/ 0.874

DIMENSIONS IN *ITALIC* ARE INCHES.

BOX MOUNT RECEPTACLE

02A*/02R*

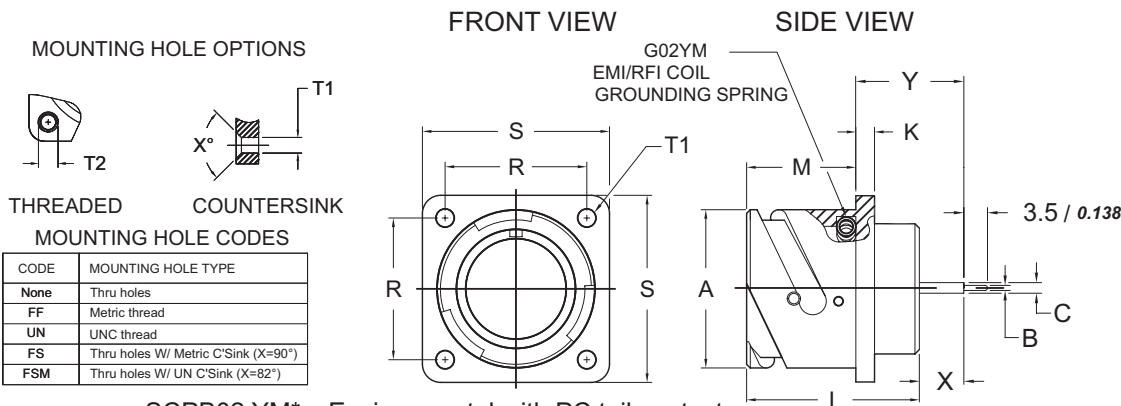


SCPB02A* Non-environmental
SCPB02R* Environmental when used with sealing gasket

SHELL SIZE	FRONT VIEW					SIDE VIEW				
	R	S	T1	T2 THREAD		A	K	L	M	N
	±0.1/±.004	±0.3/±.012	+0.1/+0.004 -0.0/-0.000	METRIC	UNC	+0.00/+0.000 -0.15/-0.006	±0.2/±.008	±0.3/±.012	+0.4/+0.016 -0.0/-0.000	MAX
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	27.6/1.087	14.2/0.559	16.2/0.638
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	27.6/1.087	14.2/0.559	19.2/0.756
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	27.6/1.087	14.2/0.559	22.4/0.882
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	33.8/1.331	19.0/0.748	22.4/0.882
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	33.8/1.331	19.0/0.748	25.6/1.008
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	33.8/1.331	19.0/0.748	29.0/1.142
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	33.8/1.331	19.0/0.748	32.2/1.268
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	35.8/1.409	20.6/0.811	35.3/1.390
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	35.8/1.409	20.6/0.811	41.4/1.630
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157	37.3/1.469	22.2/0.874	47.8/1.882
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157	37.3/1.469	22.2/0.874	54.1/2.130
40	55.5/2.185	69.8/2.748	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157	37.3/1.469	22.2/0.874	59.0/2.323

DIMENSIONS IN ITALIC ARE INCHES.

02YM*



SCPB02 YM* Environmental with PC tail contacts
SCPBG02 YM* Environmental with PC tail contacts & ground spring

AVAILABLE CONTACT	B +0.00/+0.002 -0.05/-0.002	C +0.00/+0.00 -0.10/-0.004
SIZE 16S AND 16	0.75 / 0.030	1.6 / 0.063
SIZE 12	1.8 / 0.071	3.4 / 0.134

Connectors are available only with contact sizes 16S, 16 and 12. For different contact sizes please consult factory.

FRONT VIEW										SIDE VIEW									
SHELL SIZE	R	S	T1	T2		A	K	L	M	TYPE YM		TYPE YM1		TYPE YM2		TYPE YM3			
	±0.1/±.004	±0.3/±.012	+0.1/+0.004 -0.0/-0.000	METRIC	UNC	+0.00/+0.000 -0.15/-0.006	±0.2/±.008	±0.3/±.012	+0.4/+0.016 -0.0/-0.000	X**	Y**	X**	Y**	X**	Y**	X**	Y**		
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	27.6/1.087	14.2/0.559	5/0.197*	18.4/0.725*	6.6/0.260*	20.0/0.788*	3.4/0.134*	16.8/0.662*	1.8/0.071*	15.2/0.599*		
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	27.6/1.087	14.2/0.559	5/0.197*	18.4/0.725*	6.6/0.260*	20.0/0.788*	3.4/0.134*	16.8/0.662*	1.8/0.071*	15.2/0.599*		
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	27.6/1.087	14.2/0.559	5/0.197*	18.4/0.725*	6.6/0.260*	20.0/0.788*	3.4/0.134*	16.8/0.662*	1.8/0.071*	15.2/0.599*		
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	33.8/1.331	19.0/0.748	5/0.197	19.8/0.780	6.6/0.260	21.4/0.843	3.4/0.134*	18.2/0.717*	1.8/0.071*	16.6/0.654*		
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	33.8/1.331	19.0/0.748	5/0.197	19.8/0.780	6.6/0.260	21.4/0.843	3.4/0.134*	18.2/0.717*	1.8/0.071*	16.6/0.654*		
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	33.8/1.331	19.0/0.748	5/0.197	19.8/0.780	6.6/0.260	21.4/0.843	3.4/0.134*	18.2/0.717*	1.8/0.071*	16.6/0.654*		
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	33.8/1.331	19.0/0.748	5/0.197	19.8/0.780	6.6/0.260	21.4/0.843	3.4/0.134*	18.2/0.717*	1.8/0.071*	16.6/0.654*		
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	35.8/1.409	20.6/0.811	5/0.197	20.2/0.795	6.6/0.260	21.8/0.858	3.4/0.134*	18.6/0.732*	1.8/0.071*	17.0/0.669*		
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	35.8/1.409	20.8/0.811	5/0.197	20.2/0.795	6.6/0.260*	21.8/0.858*	3.4/0.134	18.6/0.732	1.8/0.071*	17.0/0.669		
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157	37.3/1.469	22.2/0.874	5/0.197*	20.1/0.792*	6.6/0.260*	21.7/0.855*	3.4/0.134	18.5/0.729	1.8/0.071	16.9/0.666		
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157	37.3/1.469	22.2/0.874	5/0.197*	20.1/0.792*	6.6/0.260*	21.7/0.855*	3.4/0.134	18.5/0.729	1.8/0.071	16.9/0.666		
40	55.5/2.185	69.8/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157	37.3/1.469	22.2/0.874	5/0.197*	20.1/0.792*	6.6/0.260*	21.7/0.855*	3.4/0.134	18.5/0.729	1.8/0.071	16.9/0.666		

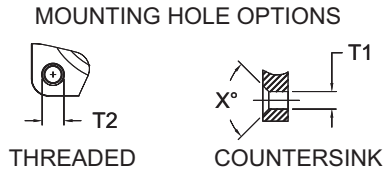
DIMENSIONS IN ITALIC ARE INCHES.

* CONSULT FACTORY

** ±.020

WALL MOUNT RECEPTACLE

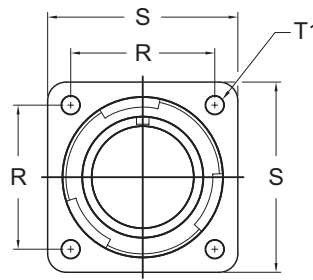
020A*/G020A*/020R*/G020R*



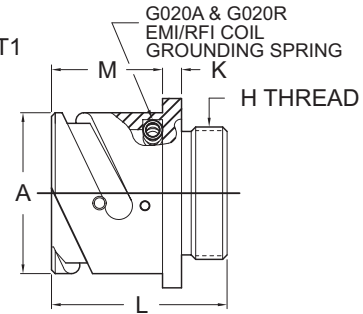
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
None	Thru holes
FF	Metric thread
UN	UNC thread
FS	Thru holes W/ Metric C'Sink (X=90°)
FSM	Thru holes W/ UN C'Sink (X=82°)

FRONT VIEW



SIDE VIEW



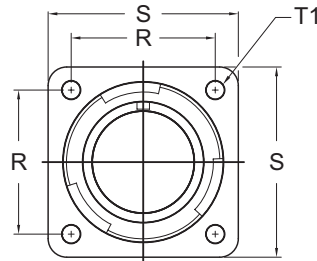
SCPB020A* Non-environmental, no grommet
 SCPBG020A* Non-environmental, with EMI/RFI ground spring
 SCPB020R* Environmental, no grommet
 SCPBG020R* With EMI/RFI ground spring

SHELL SIZE	FRONT VIEW				SIDE VIEW					
	R	S	T1	T2		A	H	K	L	M
	±0.1/ ±.004	±0.3/ ±.012	+0.1/+0.004 -0.0/-0.000	THREAD		+0.00/+0.000 -0.15/-0.006	THREAD CLASS 2A	±0.2/ ±.008	±0.3/ ±.012	+0.4/+0.016 -0.0/-0.000
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	5/8-24 UNEF	2.8/0.110	27.6/1.087	14.2/0.559
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3/4-20 UNEF	3.2/0.126	27.6/1.087	14.2/0.559
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	7/8-20 UNEF	3.2/0.126	27.6/1.087	14.2/0.559
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	7/8-20 UNEF	3.2/0.126	33.8/1.331	19.0/0.748
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	1-20 UNEF	4.0/0.157	33.8/1.331	19.0/0.748
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	1 1/8-18 UNEF	4.0/0.157	33.8/1.331	19.0/0.748
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	1 1/4-18 UNEF	4.0/0.157	33.8/1.331	19.0/0.748
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	1 3/8-18 UNEF	4.0/0.157	35.8/1.409	20.6/0.811
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	1 5/8-18 UNEF	4.0/0.157	35.8/1.409	20.6/0.811
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	1 7/8-16 UN	4.0/0.157	37.3/1.469	22.2/0.874
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	2 1/16-16 UN	4.0/0.157	37.3/1.469	22.2/0.874
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	2 5/16-16 UNS	4.0/0.157	37.3/1.469	22.2/0.874

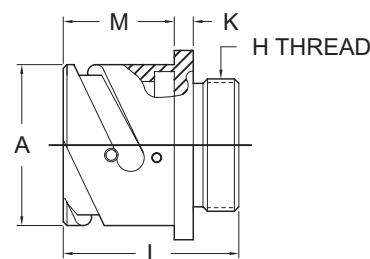
DIMENSIONS IN ITALIC ARE INCHES.

020FR*

FRONT VIEW



SIDE VIEW



SCPB020 FR* Environmental, no grommet
 EXAMPLE PART NUMBER: SCPB020FR24-28P

FINISH: BLACK ANODIZE

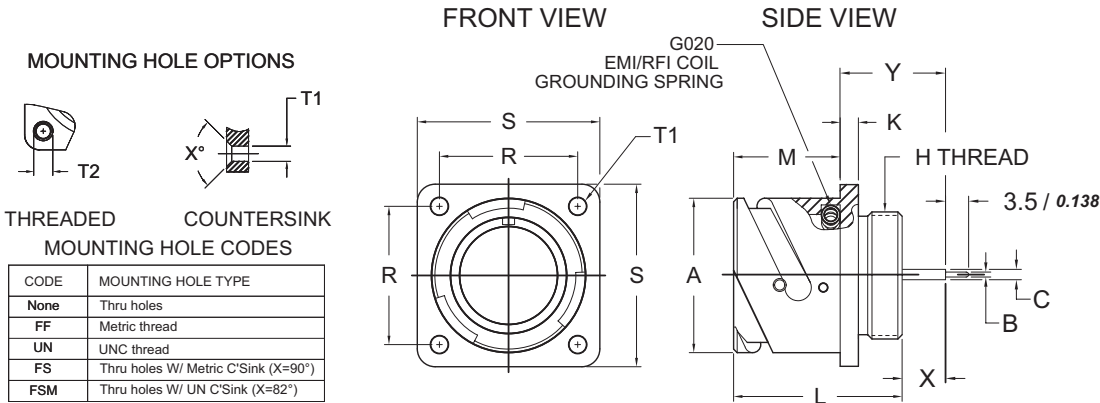
CONTACTS: F80 SILVER PLATED CRIMP CONTACTS

SHELL SIZE	FRONT VIEW				SIDE VIEW					
	R	S	T1	T2		A	H	K	L	M
	±0.1/ ±.004	±0.3/ ±.012	+0.1/+0.004 -0.0/-0.000	THREAD		+0.00/+0.000 -0.15/-0.006	THREAD CLASS 2A	±0.2/ ±.008	±0.3/ ±.012	+0.4/+0.016 -0.0/-0.000
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	5/8-24 UNEF	2.8/0.110	27.6/1.087	14.2/0.559
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3/4-20 UNEF	3.2/0.126	27.6/1.087	14.2/0.559
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	7/8-20 UNEF	3.2/0.126	27.6/1.087	14.2/0.559
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	7/8-20 UNEF	3.2/0.126	33.8/1.331	19.0/0.748
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	1-20 UNEF	4.0/0.157	33.8/1.331	19.0/0.748
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	1 1/8-18 UNEF	4.0/0.157	33.8/1.331	19.0/0.748
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	1 1/4-18 UNEF	4.0/0.157	33.8/1.331	19.0/0.748
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	1 3/8-18 UNEF	4.0/0.157	35.8/1.409	20.6/0.811
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	1 5/8-18 UNEF	4.0/0.157	35.8/1.409	20.6/0.811
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	1 7/8-16 UN	4.0/0.157	37.3/1.469	22.2/0.874
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	2 1/16-16 UN	4.0/0.157	37.3/1.469	22.2/0.874
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	2 5/16-16 UNS	4.0/0.157	37.3/1.469	22.2/0.874

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE

020YM*/G020YM*



SCPBO20YM* Environmental with PC tail contacts
SCPBG020YM* Environmental with PC tail contacts & ground spring

AVAILABLE CONTACT	B +0.00 /+0.00 -0.05 /-0.02	C +0.00 /+0.00 -0.10 /-0.04
SIZE 16S AND 16	0.75 / 0.030	1.6 / 0.063
SIZE 12	1.8 / 0.071	3.4 / 0.134

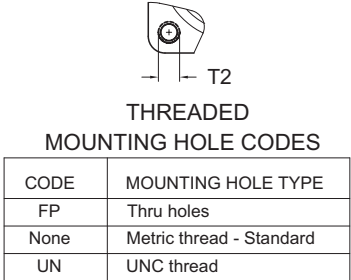
Connectors are available only with contact sizes 16S, 16 and 12. For different contact sizes please consult factory.

SHELL SIZE	FRONT VIEW						SIDE VIEW											
	R ±0.1/±0.04	S ±0.3/±0.12	T1 +0.1/+0.04 -0.0/-0.00	T2 THREAD	A +0.00/+0.00 -0.15/-0.06	K ±0.2/±0.08	L ±0.3/±0.12	M +0.4/+0.16 -0.0/-0.00	H THREAD CLASS 2A	TYPE YM		TYPE YM1		TYPE YM2		TYPE YM3		
			M4	8-32UNC			M4	8-32UNC	1/8-18UNEF	X**	Y**	X**	Y**	X**	Y**	X**	Y**	
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	27.6/1.087	14.2/0.559	5/8-24UNEF	5/0.197	18.4/0.725	6.6/0.260	20.0/0.788	3.4/0.134	16.8/0.662	1.8/0.071	15.2/0.599
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	27.6/1.087	14.2/0.559	3/4-20UNEF	5/0.197	18.4/0.725	6.6/0.260	20.0/0.788	3.4/0.134	16.8/0.662	1.8/0.071	15.2/0.599
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	27.6/1.087	14.2/0.559	7/8-20UNEF	5/0.197	18.4/0.725	6.6/0.260	20.0/0.788	3.4/0.134	16.8/0.662	1.8/0.071	15.2/0.599
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	33.8/1.331	19.0/0.748	7/8-20UNEF	5/0.197	19.8/0.780	6.6/0.260	21.4/0.843	3.4/0.134	18.2/0.717	1.8/0.071	16.6/0.654
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	33.8/1.331	19.0/0.748	1-20UNEF	5/0.197	19.8/0.780	6.6/0.260	21.4/0.843	3.4/0.134	18.2/0.717	1.8/0.071	16.6/0.654
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	33.8/1.331	19.0/0.748	1-18UNEF	5/0.197	19.8/0.780	6.6/0.260	21.4/0.843	3.4/0.134	18.2/0.717	1.8/0.071	16.6/0.654
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	33.8/1.331	19.0/0.748	1-14UNEF	5/0.197	19.8/0.780	6.6/0.260	21.4/0.843	3.4/0.134	18.2/0.717	1.8/0.071	16.6/0.654
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	35.8/1.409	20.6/0.811	1-18UNEF	5/0.197	20.2/0.795	6.6/0.260	21.8/0.858	3.4/0.134	18.6/0.732	1.8/0.071	17.0/0.669
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	35.8/1.409	20.6/0.811	1-18UNEF	5/0.197	20.2/0.795	6.6/0.260	21.8/0.858	3.4/0.134	18.6/0.732	1.8/0.071	17.0/0.669
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157	37.3/1.469	22.2/0.874	1-7/8-16UN	5/0.197	20.1/0.792	6.6/0.260	21.7/0.855	3.4/0.134	18.5/0.729	1.8/0.071	16.9/0.666
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157	37.3/1.469	22.2/0.874	2-1/16-16UN	5/0.197	20.1/0.792	6.6/0.260	21.7/0.855	3.4/0.134	18.5/0.729	1.8/0.071	16.9/0.666
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157	37.3/1.469	22.2/0.874	2-5/16-16UNS	5/0.197	20.1/0.792	6.6/0.260	21.7/0.855	3.4/0.134	18.5/0.729	1.8/0.071	16.9/0.666

DIMENSIONS IN ITALIC ARE INCHES.
* CONSULT FACTORY
** ±0.020

BOX MOUNT RECEPTACLE, REAR PANEL MOUNT

03A*/03R* MOUNTING HOLE OPTION



SCPBO3A* Non-environmental
SCPB03R* Environmental when used with sealing gasket

SHELL SIZE	FRONT VIEW					SIDE VIEW				
	R	S	T1	T2		A	K	L	M	N
	±0.1/ ±.004	±0.3/±.012	+0.1/+ .004 -0.0/- .000	THREAD		+0.00/+ .000 -0.15/- .006	±0.2/±.008	±0.3/±.012	+0.4/+ .016 -0.0/- .000	MAX
			STYLE 03RFP	METRIC	UNC					
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	27.6/1.087	18.20/0.717	16.2/ 0.638
14S	23.0/ 0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/ 0.969	3.2/ 0.126	27.6/1.087	18.20/0.717	19.2/ 0.756
16S	24.6/ 0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/ 0.126	27.6/1.087	18.20/0.717	22.4/ 0.882
16	24.6/ 0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/ 0.126	33.8/ 1.331	23.05/0.907	22.4/ 0.882
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/ 0.157	34.5/ 1.358	23.05/0.907	25.6/ 1.008
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	34.5/ 1.358	23.05/0.907	29.0/ 1.142
22	31.8/ 1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/ 0.157	34.5/ 1.358	23.05/0.907	32.2/ 1.268
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	35.8/ 1.409	23.05/0.907	35.3/ 1.390
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/ 0.157	35.8/ 1.409	24.05/0.947	41.4/ 1.630
32	44.5/ 1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/ 2.102	4.0/ 0.157	37.3/ 1.469	24.05/0.947	47.8/ 1.882
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/ 2.346	4.0/ 0.157	37.3/ 1.469	24.05/0.947	54.1/ 2.130
40	55.5/ 2.185	69.8/2.748	4.3/0.169	M5	1/4-20UNC	65.5/ 2.579	4.0/ 0.157	37.3/ 1.469	24.05/0.947	59.0/ 2.323

DIMENSIONS IN ITALIC ARE INCHES.

BOX MOUNT RECEPTACLE, REAR PANEL MOUNT

03YM*

MOUNTING HOLE OPTION

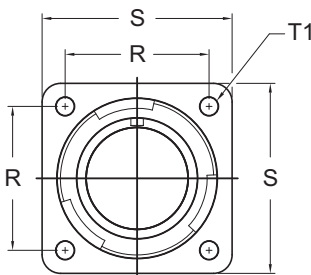


THREADED

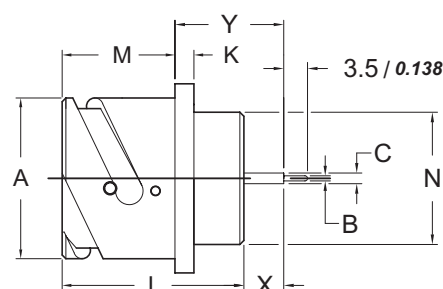
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

FRONT VIEW



SIDE VIEW



SCP03 YM* Environmental when used with sealing gasket

AVAILABLE CONTACT	B +0.00 / +0.00 -0.05 / -.002	C +0.00 / +0.00 -0.10 / -.004
SIZE 16S AND 16	0.75 / 0.030	1.6 / 0.063
SIZE 12	1.8 / 0.071	3.4 / 0.134

Connectors are available only with contact sizes 16S, 16 and 12. For different contact sizes, please consult factory.

SHELL SIZE	FRONT VIEW										SIDE VIEW									
	R	S	T1	T2		A	K	L	M	N	TYPE YM		TYPE YM1		TYPE YM2		TYPE YM3			
	±0.1/±.004	±0.3/±.012	+0.1/+0.004 -0.0/-0.000	THREAD		+0.00/+0.000 -0.15/-0.006	±0.2/±.008	±0.3/±.012	+0.4/+0.016 -0.0/-0.000	MAX	X**	Y**	X**	Y**	X**	Y**	X**	Y**		
				METRIC	UNC															
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	27.6/1.087	18.20/0.717	15.9/0.626	5/0.197*	14.4/0.567*	6.6/0.260*	16.0/0.630*	3.4/0.134*	12.8/0.504*	1.8/0.071*	11.2/0.441*		
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	27.6/1.087	18.20/0.717	19.2/0.756	5/0.197*	14.4/0.567*	6.6/0.260*	16.0/0.630*	3.4/0.134*	12.8/0.504*	1.8/0.071*	11.2/0.441*		
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	27.6/1.087	18.20/0.717	22.4/0.882	5/0.197*	14.4/0.567*	6.6/0.260*	16.0/0.630*	3.4/0.134*	12.8/0.504*	1.8/0.071*	11.2/0.441*		
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	33.8/1.331	23.05/0.907	22.4/0.882	5/0.197	15.8/0.622	6.6/0.260	17.4/0.685	3.4/0.134*	14.2/0.559*	1.8/0.071*	12.6/0.496*		
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	33.8/1.331	23.05/0.907	25.6/1.008	5/0.197	15.8/0.622	6.6/0.260	17.4/0.685	3.4/0.134*	14.2/0.559*	1.8/0.071*	12.6/0.496*		
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	33.8/1.331	23.05/0.907	29.0/1.142	5/0.197	15.8/0.622	6.6/0.260	17.4/0.685	3.4/0.134*	14.2/0.559*	1.8/0.071*	12.6/0.496*		
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	33.8/1.331	23.05/0.907	32.2/1.268	5/0.197	15.8/0.622	6.6/0.260	17.4/0.685	3.4/0.134*	14.2/0.559*	1.8/0.071*	12.6/0.496*		
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	35.8/1.409	23.05/0.907	35.3/1.390	5/0.197	17.8/0.699	6.6/0.260	19.4/0.762	3.4/0.134*	16.2/0.636*	1.8/0.071*	14.6/0.573*		
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	35.8/1.409	24.05/0.947	41.4/1.630	5/0.197	16.7/0.657	6.6/0.260	18.3/0.720*	3.4/0.134	15.1/0.594	1.8/0.071*	13.5/0.531*		
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157	37.3/1.469	24.05/0.947	47.8/1.882	5/0.197*	18.3/0.720*	6.6/0.260	19.9/0.783*	3.4/0.134	16.7/0.657	1.8/0.071*	15.1/0.594		
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157	37.3/1.469	24.05/0.947	54.1/2.130	5/0.197*	18.3/0.720*	6.6/0.260	19.9/0.783*	3.4/0.134	16.7/0.657	1.8/0.071*	15.1/0.594		
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157	37.3/1.469	24.05/0.947	59.0/2.323	5/0.197*	18.3/0.720*	6.6/0.260	19.9/0.783*	3.4/0.134	16.7/0.657	1.8/0.071*	15.1/0.594		

DIMENSIONS IN ITALIC ARE INCHES.

* CONSULT FACTORY

** ±.020

WALL MOUNT RECEPTACLE, REAR PANEL MOUNT

MOUNTING HOLE OPTION

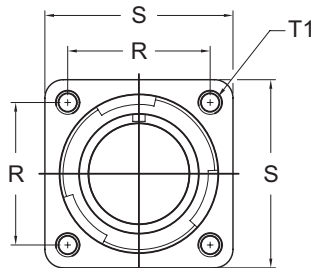


THREADED

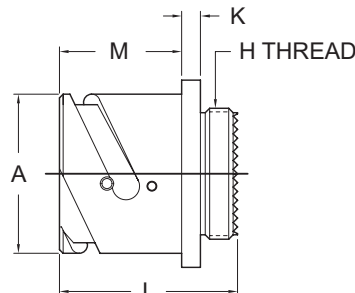
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

FRONT VIEW



SIDE VIEW



SCP030-* Non-Environmental

SHELL SIZE	FRONT VIEW					SIDE VIEW				
	R ±0.1/ ±.004	S ±0.3/ ±.012	T1 +0.1/+0.004 -0.0/-0.000 STYLE FP	T2 THREAD		A +0.00/+0.000 -0.15/-0.006	H THREAD CLASS 2A	K ±0.2/±.008	L ±0.3/±.012	M +0.4/+0.016 -0.0/-0.000
				METRIC	UNC					
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	5/8-24 UNEF	2.8/0.110	27.6/1.087	18.20/0.717
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3/4-20 UNEF	3.2/0.126	27.6/1.087	18.20/0.717
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	7/8-20 UNEF	3.2/0.126	27.6/1.087	18.20/0.717
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	7/8-20 UNEF	3.2/0.126	33.8/1.331	23.05/0.907
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	1-20 UNEF	4.0/0.157	33.8/1.331	23.05/0.907
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	1 1/8-18 UNEF	4.0/0.157	33.8/1.331	23.05/0.907
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	1 1/4-18 UNEF	4.0/0.157	33.8/1.331	23.05/0.907
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	1 3/8-18 UNEF	4.0/0.157	35.8/1.409	23.05/0.907
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	1 5/8-18 UNEF	4.0/0.157	35.8/1.409	24.05/0.947
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	1 7/8-16 UN	4.0/0.157	37.3/1.469	24.05/0.947
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	2 1/16-16 UN	4.0/0.157	37.3/1.469	24.05/0.947
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	2 5/16-16 UN	4.0/0.157	37.3/1.469	24.05/0.947

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE, REAR PANEL MOUNT

030A*/030R*

MOUNTING HOLE OPTION

THREADED

MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

FRONT VIEW

SIDE VIEW

SCPB030A* Non-Environmental, no grommet

SCPB030R* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW					
	R ±0.1/ ±.004	S ±0.3/ ±.012	T1 +0.1/ +.004 -0.0/ -.000 STYLE FP	T2 THREAD		A +0.00/ +.000 -0.15/ -.006	D MIN.	K ±0.2/ ±.008	L MAX	M +0.4/ +.016 -0.0/ -.000	V THREAD CLASS 2A
				METRIC	UNC						
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	8.2/ 0.323	2.8/0.110	46/ 1.811	18.20/0.717	5/8-24 UNEF
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	11.1/ 0.437	3.2/0.126	50/ 1.969	18.20/0.717	3/4-20 UNEF
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	14.3/ 0.563	3.2/0.126	50/ 1.969	18.20/0.717	7/8-20 UNEF
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	14.3/ 0.563	3.2/0.126	58/2.283	23.05/0.907	7/8-20 UNEF
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	16.7/ 0.657	4.0/0.157	58/2.283	23.05/0.907	1-20 UNEF
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	19.8/ 0.780	4.0/0.157	58/2.283	23.05/0.907	1 3/16-18 UNEF
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	19.8/ 0.780	4.0/0.157	59/2.323	23.05/0.907	1 3/16-18 UNEF
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	25.4/ 1.000	4.0/0.157	59/ 2.323	23.05/0.907	1 7/16-18 UNEF
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	27.0/ 1.063	4.0/0.157	67/2.638	24.05/0.947	1 7/16-18 UNEF
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/ 2.102	32.5/ 1.280	4.0/0.157	71/2.795	24.05/0.947	1 3/4-18 UNS
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/ 2.346	35.7/ 1.406	4.0/0.157	72/2.835	24.05/0.947	2-18 UNS
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/ 2.579	45.0/ 1.772	4.0/0.157	86/3.386	24.05/0.947	2 1/4-16 UN

DIMENSIONS IN ITALIC ARE INCHES.

030AE*/030E*

MOUNTING HOLE OPTION

THREADED

MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

FRONT VIEW

SIDE VIEW

SCPB030AE* Non-environmental, no grommet

SCPB030E* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW					
	R ±0.1/ ±.004	S ±0.3/ ±.012	T1 +0.1/ +.004 -0.0/ -.000 STYLE FP	T2 THREAD		A +0.00/ +.000 -0.15/ -.006	K ±0.2/ ±.008	L MAX	M +0.4/ +.016 -0.0/ -.000	X MIN	Y MAX
				METRIC	UNC						
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	67/2.638	18.20/0.717	6.5/0.256	22.7/0.894
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	72/2.835	18.20/0.717	9.0/0.354	27.5/1.083
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	75/2.953	18.20/0.717	11.0/0.433	30.0/1.181
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	82/3.228	23.05/0.907	11.0/0.433	30.0/1.181
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	82/3.228	23.05/0.907	14.2/0.559	32.2/1.268
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	82/3.228	23.05/0.907	15.8/0.622	37.5/1.476
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	83/3.268	23.05/0.907	15.8/0.622	37.5/1.476
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	85/3.346	23.05/0.907	21.4/0.843	43.3/1.705
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	93/3.661	24.05/0.947	21.4/0.843	43.3/1.705
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/ 2.102	4.0/0.157	99/3.898	24.05/0.947	26.7/1.051	51.7/2.035
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/ 2.346	4.0/0.157	100/3.937	24.05/0.947	31.7/1.248	58.0/2.283
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/ 2.579	4.0/0.157	128/5.039	24.05/0.947	34.9/1.374	65.5/2.579

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE, REAR PANEL MOUNT

030AF*/030F*

MOUNTING HOLE OPTION

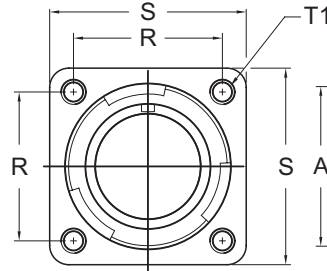


THREADED

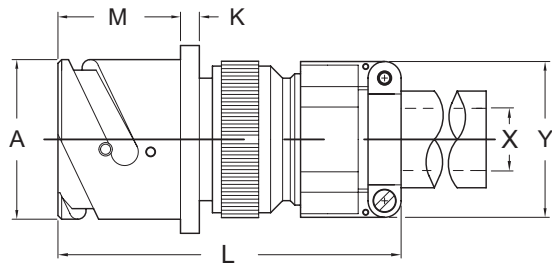
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

FRONT VIEW



SIDE VIEW



SCPB030AF* Non-Environmental, no grommet
SCPB030F* Environmental with grommet

SHELL SIZE	FRONT VIEW						SIDE VIEW					
	R	S	T1	T2		A	K	L	M	X	Y	
	±0.1/±0.04	±0.3/±0.12	+0.1/+0.04 -0.0/-0.000 STYLE FP	THREAD		+0.00/+0.000 -0.15/-0.006	±0.2/±0.008	MAX	+0.4/+0.016 -0.0/-0.000	MIN	MAX	
				METRIC	UNC							
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	67/2.638	18.20/0.717	6.5/0.256	22.7/0.894	
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	72/2.835	18.20/0.717	9.0/0.354	27.5/1.083	
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	75/2.953	18.20/0.717	11.0/0.433	30.0/1.181	
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	82/3.228	23.05/0.907	11.0/0.433	30.0/1.181	
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	82/3.228	23.05/0.907	14.2/0.559	32.2/1.268	
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	82/3.228	23.05/0.907	15.8/0.622	37.5/1.476	
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	83/3.268	23.05/0.907	15.8/0.622	37.5/1.476	
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	85/3.346	23.05/0.907	21.4/0.843	43.3/1.705	
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	93/3.661	24.05/0.947	21.4/0.843	43.3/1.705	
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157	99/3.898	24.05/0.947	26.7/1.051	51.7/2.035	
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157	100/3.937	24.05/0.947	31.7/1.248	58.0/2.283	
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157	128/5.039	24.05/0.947	34.9/1.374	65.5/2.579	

DIMENSIONS IN ITALIC ARE INCHES.

030AG*/030G*

MOUNTING HOLE OPTION

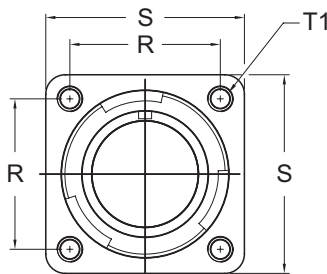


THREADED

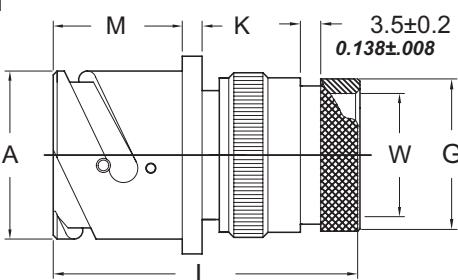
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

FRONT VIEW



SIDE VIEW



SCPB030AG* Environmental, no grommet
SCPB030G* Environmental with grommet

SHELL SIZE	FRONT VIEW						SIDE VIEW					
	R	S	T1	T2		A	G	K	L	M	W	
	±0.1/±0.04	±0.3/±0.12	+0.1/+0.04 -0.0/-0.000 STYLE FP	THREAD		+0.00/+0.000 -0.15/-0.006	±0.2/±0.008	±0.2/±0.008	MAX	+0.4/+0.016 -0.0/-0.000	MIN	
				METRIC	UNC							
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	15.5/0.610	2.8/0.110	50/1.969	18.20/0.717	8.5/0.335	
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	19.1/0.752	3.2/0.126	50/1.969	18.20/0.717	12.0/0.472	
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	23.9/0.941	3.2/0.126	50/1.969	18.20/0.717	14.5/0.571	
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	23.9/0.941	3.2/0.126	60/2.362	23.05/0.907	14.5/0.571	
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	23.9/0.941	4.0/0.157	60/2.362	23.05/0.907	17.5/0.689	
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	29.6/1.165	4.0/0.157	65/2.559	23.05/0.907	19.5/0.768	
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	29.6/1.165	4.0/0.157	65/2.559	23.05/0.907	22.0/0.866	
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	37.8/1.488	4.0/0.157	65/2.559	23.05/0.907	25.0/0.984	
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	37.8/1.488	4.0/0.157	65/2.559	24.05/0.947	29.0/1.142	
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	47.8/1.882	4.0/0.157	70/2.756	24.05/0.947	34.0/1.339	
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	47.8/1.882	4.0/0.157	75/2.953	24.05/0.947	38.5/1.516	
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	52.4/2.063	4.0/0.157	77/3.031	24.05/0.947	48.0/1.890	

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE, REAR PANEL MOUNT

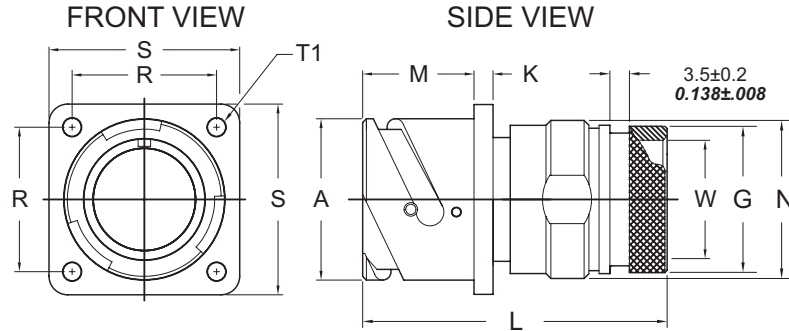
030AG2G*/030G2G*

MOUNTING HOLE OPTIONS



MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread



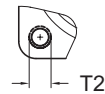
SCPB030AG2G* Environmental, no grommet
SCPB030G2G* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW						
	R	S	T1	T2		A	G	K	L	M	N	W
	±0.1±.004	±0.3±.012	+0.1/+0.004 -0.0/-0.000	THREAD		+0.00/+0.000 -0.15/-0.006	±0.2±.008	±0.2±.008	APRX	+0.4/+0.016 -0.0/-0.000	MAX	MIN
				METRIC	UNC							
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	15.5/0.610	2.8/0.110	49.8/1.961	18.20/0.717	22/0.866	8.5/0.335
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	19.1/0.752	3.2/0.126	49.8/1.961	18.20/0.717	25/0.984	12.0/0.472
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	23.9/0.941	3.2/0.126	50.6/1.992	18.20/0.717	28/1.102	14.5/0.571
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	23.9/0.941	3.2/0.126	60.1/2.366	23.05/0.907	28/1.102	14.5/0.571
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	23.9/0.941	4.0/0.157	59.6/2.346	23.05/0.907	31/1.220	17.5/0.689
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	29.6/1.165	4.0/0.157	60.3/2.374	23.05/0.907	35/1.378	19.5/0.768
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	29.6/1.165	4.0/0.157	60.3/2.374	23.05/0.907	38/1.496	22.0/0.866
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	37.8/1.488	4.0/0.157	62.9/2.476	23.05/0.907	41/1.614	25.0/0.984
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	37.8/1.488	4.0/0.157	64.7/2.547	24.05/0.947	48/1.890	29.0/1.142
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	47.8/1.882	4.0/0.157	67.0/2.638	24.05/0.947	54/2.126	34.0/1.339
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	47.8/1.882	4.0/0.157	67.0/2.638	24.05/0.947	61/2.402	38.5/1.516
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	52.4/2.063	4.0/0.157	67.3/2.650	24.05/0.947	68/2.677	48.0/1.890

DIMENSIONS IN ITALIC ARE INCHES.

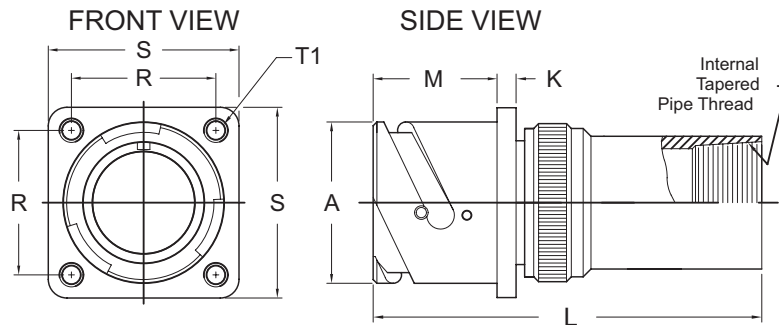
030APT*

MOUNTING HOLE OPTION



THREADED
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread



SCPB030APT* Environmental, no grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW					
	R	S	T1	T2		A	K	L	M	CODE	PIPE THREAD
	±0.1/±.004	±0.3/±.012	+0.1/+.004 -0.0/-0.000	THREAD		+0.00/+.000 -0.15/-0.006	±0.2/±.008	MAX	+0.4/+.016 -0.0/-0.000		
			STYLE FP	METRIC	UNC						
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	60/2.362	18.20/0.717	01	1/8
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	60/2.362	18.20/0.717	02	1/4
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	60/2.362	18.20/0.717	03	3/8
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	70/2.756	23.05/0.907	04	1/2
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	70/2.756	23.05/0.907	05	3/4
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	70/2.756	23.05/0.907	06	1
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	70/2.756	23.05/0.907	07	1 1/4
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	80/3.150	23.05/0.907	08	1 1/2
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	80/3.150	24.05/0.947	09	2
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157	80/3.150	24.05/0.947	10	2 1/2
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157	95/3.740	24.05/0.947		
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157	95/3.740	24.05/0.947		

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE, REAR PANEL MOUNT

030ARK*/030RK*

MOUNTING HOLE OPTIONS

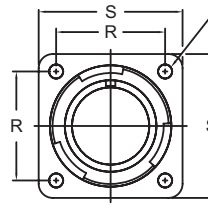


THREADED

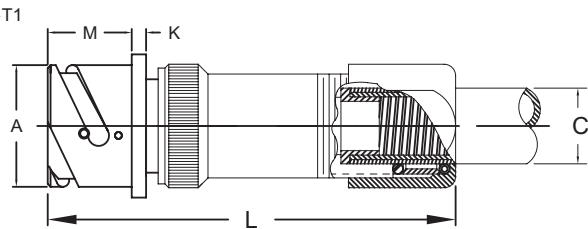
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

FRONT VIEW



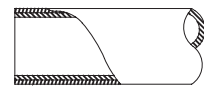
SIDE VIEW



SCPB030ARK*
SCPB030RK*

Environmental less grommet
Environmental with grommet

PLASTIC SAFE EDGE



SEALITE CONDUIT
METALLIC

SHELL SIZE	FRONT VIEW					SIDE VIEW				CODE (***)	AVAILABLE CONDUIT SIZES C
	R ±0.1/±0.04	S ±0.3/ ±0.12	T1 +0.1/+0.04 -0.0/-0.000	T2		A +0.00/+0.000 -0.15/-0.006	K ±0.2/±0.08	L	M +0.4/+0.016 -0.0/-0.000		
				THREAD							
				METRIC	UNC						
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.	18.20/0.717	(038)	9.52/3/8
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126		18.20/0.717	(050)	12.70/ 1/2
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126		18.20/0.717	(075)	19.05/ 3/4
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126		23.05/0.907	(100)	25.40/ 1
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157		23.05/0.907	(125)	31.75/1 1/4
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157		23.05/0.907	(150)	38.10/ 1 1/2
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157		23.05/0.907	(200)	50.80/ 2
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157		23.05/0.907		
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157		24.05/0.947		
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/ 2.102	4.0/0.157		24.05/0.947		
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/ 2.346	4.0/0.157	24.05/0.947			
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/ 2.579	4.0/0.157	24.05/0.947			

(***) Conduit size must be specified as part of the connector part number using conduit code

DIMENSIONS IN ITALIC ARE INCHES.

030ARV*/030RV*

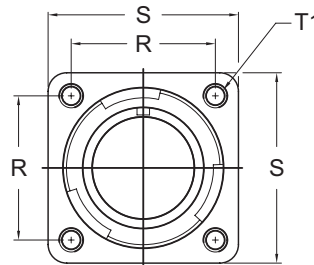
MOUNTING HOLE OPTION



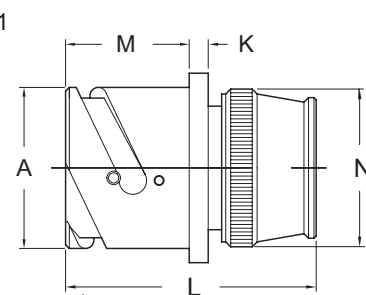
THREADED
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

FRONT VIEW



SIDE VIEW



SCPB030ARV*
SCPB030RV*

Non-environmental, no grommet
Environmental with grommet

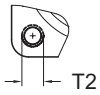
SHELL SIZE	FRONT VIEW					SIDE VIEW				
	R $\pm 0.1/\pm 0.04$	S $\pm 0.3/\pm 0.12$	T1 $+0.1/+0.04$ $-0.0/-0.000$ STYLE FP	T2 THREAD		A $+0.00/+0.000$ $-0.15/-0.006$	K $\pm 0.2/\pm 0.08$	L MAX	M $+0.4/+0.16$ $-0.0/-0.000$	N MAX
				METRIC	UNC					
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	43/1.693	18.20/0.717	20.0/0.787
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	43/1.693	18.20/0.717	24.0/0.945
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	43/1.693	18.20/0.717	26.0/1.024
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	56/2.205	23.05/0.907	26.0/1.024
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	56/2.205	23.05/0.907	29.5/1.161
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	57/2.244	23.05/0.907	33.0/1.299
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	57/2.244	23.05/0.907	36.0/1.417
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	57/2.244	23.05/0.907	40.0/1.575
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	59/2.323	24.05/0.947	46.0/1.811
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157	60/2.362	24.05/0.947	51.5/2.028
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157	60/2.362	24.05/0.947	58.0/2.283
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157	61/2.402	24.05/0.947	64.5/2.539

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE, REAR PANEL MOUNT

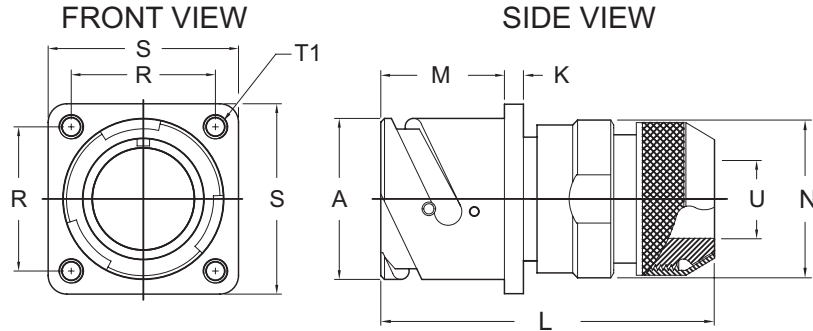
030ASB*/030SB*

MOUNTING HOLE OPTION



THREADED
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread



SCPB030ASB* Environmental, no grommet
SCPB030SB* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW					
	R	S	T1	T2		A	K	L	M	N	U
	$\pm 0.1/\pm 0.04$	$\pm 0.3/\pm 0.12$	$+0.1/\pm 0.04$ $-0.0/\pm 0.00$ STYLE FP	THREAD		$+0.00/\pm 0.00$ $-0.15/\pm 0.06$	$\pm 0.2/\pm 0.08$	MAX	$+0.4/\pm 0.16$ $-0.0/\pm 0.00$	MAX	MIN
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	51.4/2.024	18.20/0.717	22/0.866	8.6/0.339
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	51.4/2.024	18.20/0.717	25/0.984	10.6/0.417
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	53.4/2.102	18.20/0.717	28/1.102	13.5/0.531
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	62.5/2.461	23.05/0.907	28/1.102	13.5/0.531
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	63.7/2.508	23.05/0.907	31/1.220	14.6/0.575
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	63.7/2.508	23.05/0.907	35/1.378	18.5/0.728
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	63.7/2.508	23.05/0.907	38/1.496	20.8/0.819
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	64.4/2.535	23.05/0.907	41/1.614	24.6/0.969
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	64.4/2.535	24.05/0.947	48/1.890	27.0/1.063
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157	66.0/2.598	24.05/0.947	54/2.126	33.3/1.311
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157	66.0/2.598	24.05/0.947	61/2.402	38.5/1.516
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157	66.0/2.598	24.05/0.947	68/2.677	46.0/1.811

DIMENSIONS IN ITALIC ARE INCHES.

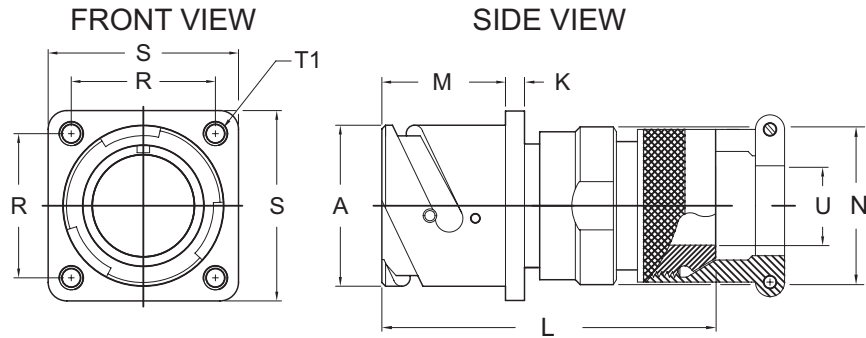
030ASBF*/030SBF*

MOUNTING HOLE OPTION



THREADED
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread



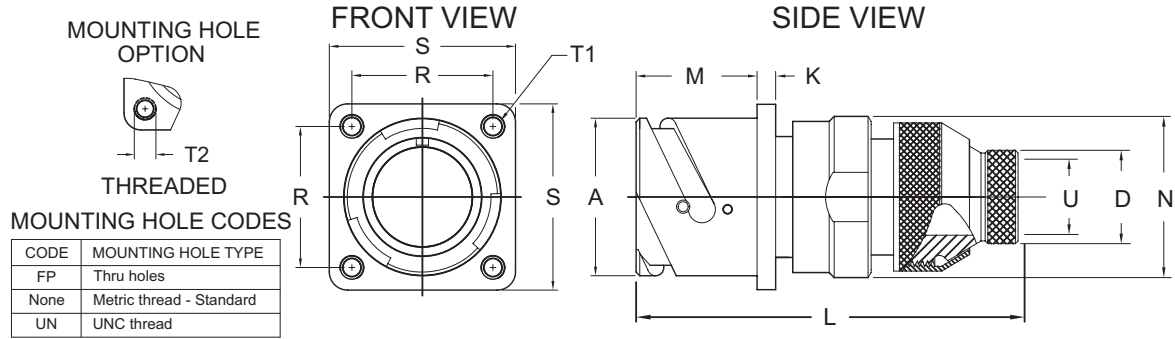
SCPB030ASBF* Non-environmental, no grommet
SCPB030SBF* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW					
	R	S	T1	T2		A	K	L	M	N	U
	$\pm 0.1/\pm 0.04$	$\pm 0.3/\pm 0.12$	$+0.1/\pm 0.04$ $-0.0/\pm 0.00$ STYLE FP	THREAD		$+0.00/\pm 0.00$ $-0.15/\pm 0.06$	$\pm 0.2/\pm 0.08$	MAX	$+0.4/\pm 0.16$ $-0.0/\pm 0.00$	MAX	MIN
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	51.4/2.024	18.20/0.717	22/0.866	8.6/0.339
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	51.4/2.024	18.20/0.717	25/0.984	10.6/0.417
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	53.4/2.102	18.20/0.717	28/1.102	13.5/0.531
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	62.5/2.461	23.05/0.907	28/1.102	13.5/0.531
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	63.7/2.508	23.05/0.907	31/1.220	14.6/0.575
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	63.7/2.508	23.05/0.907	35/1.378	18.5/0.728
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	63.7/2.508	23.05/0.907	38/1.496	20.8/0.819
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	64.4/2.535	23.05/0.907	41/1.614	24.6/0.969
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	64.4/2.535	24.05/0.947	48/1.890	27.0/1.063
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157	66.0/2.598	24.05/0.947	54/2.126	33.3/1.311
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157	66.0/2.598	24.05/0.947	61/2.402	38.5/1.516
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157	66.0/2.598	24.05/0.947	68/2.677	46.0/1.811

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE, REAR PANEL MOUNT

030ASBT*/030SBT*



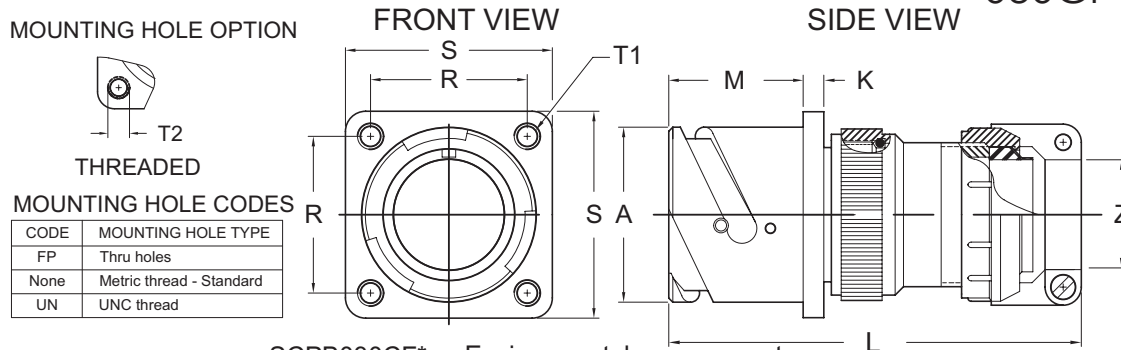
SCP030ASBT* Non-environmental, no grommet
SCP030SBT* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW						
	R	S	T1	T2		A	D	K	L	M	N	U
	±0.1/±.004	±0.3/±.012	+0.1/+.004 -0.0/- .000 STYLE FP	THREAD		+0.00/+ .000 -0.15/- .006	MAX	±0.2/±.008	MAX	+0.4/ +.016 -0.0/ - .000	MAX	MIN
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	11.1/0.437	2.8/0.110	61/2.402	18.20/0.717	22/0.866	7.6/0.299
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	14.3/0.563	3.2/0.126	64/2.520	18.20/0.717	25/0.984	10.8/0.425
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	15.9/0.626	3.2/0.126	70/2.756	18.20/0.717	28/1.102	12.4/0.488
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	15.9/0.626	3.2/0.126	80/3.150	23.05/0.907	28/1.102	12.4/0.488
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	19.1/0.752	4.0/0.157	80/3.150	23.05/0.907	31/1.220	15.6/0.614
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	22.3/0.878	4.0/0.157	80/3.150	23.05/0.907	35/1.378	18.7/0.736
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	25.4/1.000	4.0/0.157	80/3.150	23.05/0.907	38/1.496	21.9/0.862
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	28.6/1.126	4.0/0.157	80/3.150	23.05/0.907	41/1.614	25.1/0.988
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	31.8/1.252	4.0/0.157	80/3.150	24.05/0.947	48/1.890	28.3/1.114
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	36.6/1.440	4.0/0.157	80/3.150	24.05/0.947	54/2.126	28.3/1.114
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	44.5/1.752	4.0/0.157	85/3.346	24.05/0.947	61/2.402	41.0/1.614
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	50.8/2.000	4.0/0.157	85/3.346	24.05/0.947	68/2.677	40.6/1.600

DIMENSIONS IN ITALIC ARE INCHES.

1. DIMENSION L WILL VARY FROM THE VALUES INDICATED FOR SOME SPECIAL INSERT CONFIGURATIONS.

030CF*/030CFZ*



SCP030CF* Environmental, no grommet
SCP030CFZ* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW					
	R	S	T1	T2		A	K	L	M	Z	
	±0.1/ ±.004	±0.3/±.012	+0.1/+.004 -0.0/- .000 STYLE FP	THREAD		+0.00/+ .000 -0.15/- .006	±0.2/±.008	MAX	+0.4/ +.016 -0.0/ - .000	OPEN	CLOSED
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	73/2.874	18.20/0.717	7.93/0.312	2.38/0.094
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	77/3.031	18.20/0.717	11.12/0.438	5.84/0.230
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	77/3.031	18.20/0.717	13.48/0.531	8.0/0.315
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	88/3.465	23.05/0.907	13.48/0.531	8.0/0.315
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	91/3.583	23.05/0.907	15.87/0.625	9.6/0.378
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	91/3.583	23.05/0.907	19.00/0.748	11.3/0.445
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	92/3.622	23.05/0.907	19.00/0.748	11.3/0.445
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	97/3.819	23.05/0.907	23.80/0.937	15.5/0.610
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	103/4.055	24.05/0.947	23.80/0.937	15.5/0.610
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157	113/4.449	24.05/0.947	31.75/1.250	23.4/0.921
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157	120/4.724	24.05/0.947	35.00/1.378	23.4/0.921
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157	135/5.315	24.05/0.947	41.25/1.624	29.9/1.177

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE, REAR PANEL MOUNT

030CMEG*

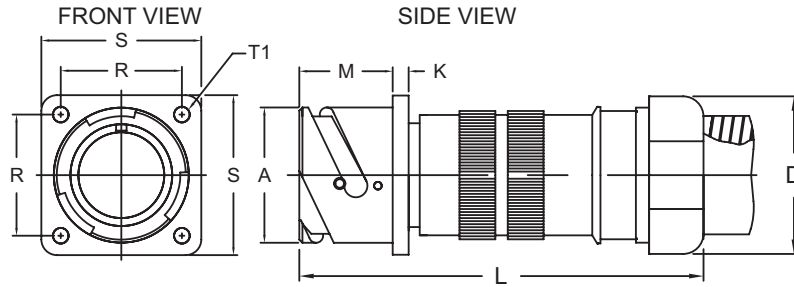
MOUNTING HOLE OPTIONS



THREADED

MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

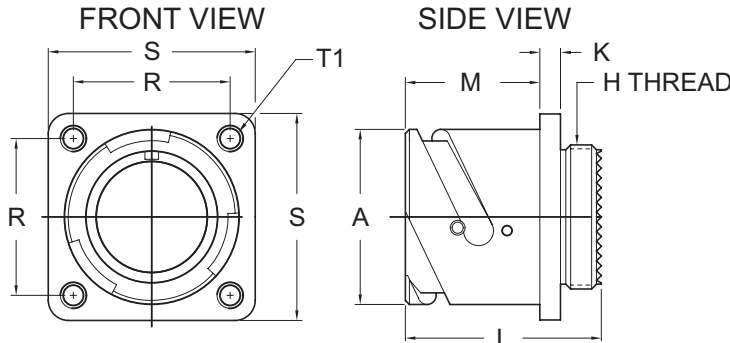


SCPB030CMEG* Environmental with grommet

SHELL SIZE	FRONT VIEW				SIDE VIEW				CONDUIT SIZE			
	R	S	T1	T2	A	K	L	M	CABLE CODE	ELECTRI-FLEX CONDUIT TRADE SIZE	SHELL SIZE	D APRX.
	±0.1/±.004	±0.3/±.012	+0.1/+.004 -0.0/-0.000	METRIC UNC	+0.00/+0.000 -0.15/-0.006	±0.2/±.008		+0.4/+0.016 -0.0/-0.000				
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4 8-32UNC	18.2/0.717	2.8/0.110		18.20/0.717			20	41.9 / 1.65
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4 8-32UNC	24.6/0.969	3.2/0.126		18.20/0.717	075	3/4	24	41.9 / 1.65
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4 8-32UNC	27.4/1.079	3.2/0.126		18.20/0.717			36	41.9 / 1.65
16	24.6/0.969	32.5/1.280	3.2/0.126	M4 8-32UNC	27.4/1.079	3.2/0.126		23.05/0.907	100	100	20	47.6 / 1.88
18	27.0/1.063	35.0/1.378	3.2/0.126	M4 8-32UNC	30.8/1.213	4.0/0.157		23.05/0.907	FOR OTHER SIZES CONSULT FACTORY			
20	29.4/1.157	38.0/1.496	3.2/0.126	M4 8-32UNC	34.2/1.346	4.0/0.157		23.05/0.907				
22	31.8/1.252	41.0/1.614	3.2/0.126	M4 8-32UNC	37.4/1.472	4.0/0.157		23.05/0.907				
24	34.9/1.374	44.5/1.752	3.7/0.146	M4 10-24UNC	40.9/1.610	4.0/0.157		23.05/0.907				
28	39.7/1.563	50.8/2.000	3.7/0.146	M5 10-24UNC	46.7/1.839	4.0/0.157		24.05/0.947				
32	44.5/1.752	57.0/2.244	4.3/0.169	M5 1/4-20UNC	53.4/2.102	4.0/0.157		24.05/0.947				
36	49.2/1.937	63.5/2.500	4.3/0.169	M5 1/4-20UNC	59.6/2.346	4.0/0.157		24.05/0.947				
40	55.5/2.185	69.9/2.752	4.3/0.169	M5 1/4-20UNC	65.5/2.579	4.0/0.157		24.05/0.947				

DIMENSIONS IN ITALIC ARE INCHES.

030FR*



SCPB030FR* Environmental, no grommet

EXAMPLE PART NUMBER: SCPB030FR24-28P

FINISH: BLACK ANODIZE

CONTACTS: F80 SILVER PLATED CRIMP CONTACTS

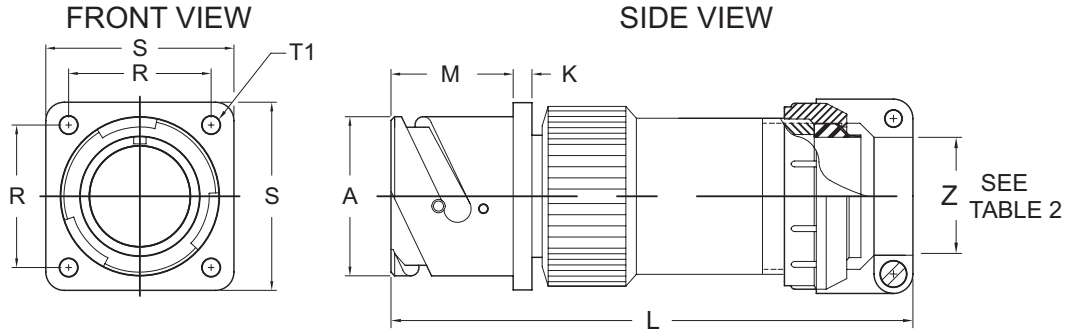
SHELL SIZE	FRONT VIEW				SIDE VIEW				
	R	S	T1	T2	A	H	K	L	M
	±0.1/±.004	±0.3/±.012	+0.1/+.004 -0.0/-0.000	STYLE FP	+0.00/+0.000 -0.15/-0.006	THREAD CLASS 2A	±0.2/±.008	±0.3/±.012	+0.4/+0.016 -0.0/-0.000
10SL	18.2/0.717	25.4/1.000	3.2/0.126		18.2/0.717	5/8-24 UNEF	2.8/0.110	27.6/1.087	18.20/0.717
14S	23.0/0.906	30.0/1.181	3.2/0.126		24.6/0.969	3/4-20 UNEF	3.2/0.126	27.6/1.087	18.20/0.717
16S	24.6/0.969	32.5/1.280	3.2/0.126		27.4/1.079	7/8-20 UNEF	3.2/0.126	27.6/1.087	18.20/0.717
16	24.6/0.969	32.5/1.280	3.2/0.126		27.4/1.079	7/8-20 UNEF	3.2/0.126	33.8/1.331	23.05/0.907
18	27.0/1.063	35.0/1.378	3.2/0.126		30.8/1.213	1-20 UNEF	4.0/0.157	33.8/1.331	23.05/0.907
20	29.4/1.157	38.0/1.496	3.2/0.126		34.2/1.346	1 1/8-18 UNEF	4.0/0.157	33.8/1.331	23.05/0.907
22	31.8/1.252	41.0/1.614	3.2/0.126		37.4/1.472	1 1/4-18 UNEF	4.0/0.157	33.8/1.331	23.05/0.907
24	34.9/1.374	44.5/1.752	3.7/0.146		40.9/1.610	1 3/8-18 UNEF	4.0/0.157	35.8/1.409	23.05/0.907
28	39.7/1.563	50.8/2.000	3.7/0.146		46.7/1.839	1 5/8-18 UNEF	4.0/0.157	35.8/1.409	24.05/0.947
32	44.5/1.752	57.0/2.244	4.3/0.169		53.4/2.102	1 7/8-16 UN	4.0/0.157	37.3/1.469	24.05/0.947
36	49.2/1.937	63.5/2.500	4.3/0.169		59.6/2.346	2 1/16-16 UN	4.0/0.157	37.3/1.469	24.05/0.947
40	55.5/2.185	69.9/2.752	4.3/0.169		65.5/2.579	2 5/16-16 UN	4.0/0.157	37.3/1.469	24.05/0.947

DIMENSIONS IN ITALIC ARE INCHES.



WALL MOUNT RECEPTACLE, REAR PANEL MOUNT

030FR**(C)



EXAMPLE PART NUMBER: SCPB030FR24-28P-08C

FINISH: BLACK ANODIZE
CONTACTS: F80 SILVER PLATED CRIMP CONTACTS

SEE TABLE 2 BELOW
(04C THRU 32C)

TABLE 1

SHELL SIZE	FRONT VIEW			SIDE VIEW			
	R	S	T1	A	K	L	M
	$\pm 0.1/\pm 0.004$	$\pm 0.3/\pm 0.012$	$\pm 0.1/\pm 0.004$ $-0.0/-0.000$	$\pm 0.00/\pm 0.000$ $-0.15/-0.006$	$\pm 0.2/\pm 0.008$		$\pm 0.4/\pm 0.016$ $-0.0/-0.000$
10SL	18.2/0.717	25.4/1.000	3.2/0.126	18.2/0.717	2.8/0.110	* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.	18.20/0.717
14S	23.0/0.906	30.0/1.181	3.2/0.126	24.6/0.969	3.2/0.126		18.20/0.717
16S	24.6/0.969	32.5/1.280	3.2/0.126	27.4/1.079	3.2/0.126		18.20/0.717
16	24.6/0.969	32.5/1.280	3.2/0.126	27.4/1.079	3.2/0.126		23.05/0.907
18	27.0/1.063	35.0/1.378	3.2/0.126	30.8/1.213	4.0/0.157		23.05/0.907
20	29.4/1.157	38.0/1.496	3.2/0.126	34.2/1.346	4.0/0.157		23.05/0.907
22	31.8/1.252	41.0/1.614	3.2/0.126	37.4/1.472	4.0/0.157		23.05/0.907
24	34.9/1.374	44.5/1.752	3.7/0.146	40.9/1.610	4.0/0.157		23.05/0.907
28	39.7/1.563	50.8/2.000	3.7/0.146	46.7/1.839	4.0/0.157		24.05/0.947
32	44.5/1.752	57.0/2.244	4.3/0.169	53.4/2.102	4.0/0.157		24.05/0.947
36	49.2/1.937	63.5/2.500	4.3/0.169	59.6/2.346	4.0/0.157		24.05/0.947
40	55.5/2.185	69.9/2.752	4.3/0.169	65.5/2.579	4.0/0.157		24.05/0.947

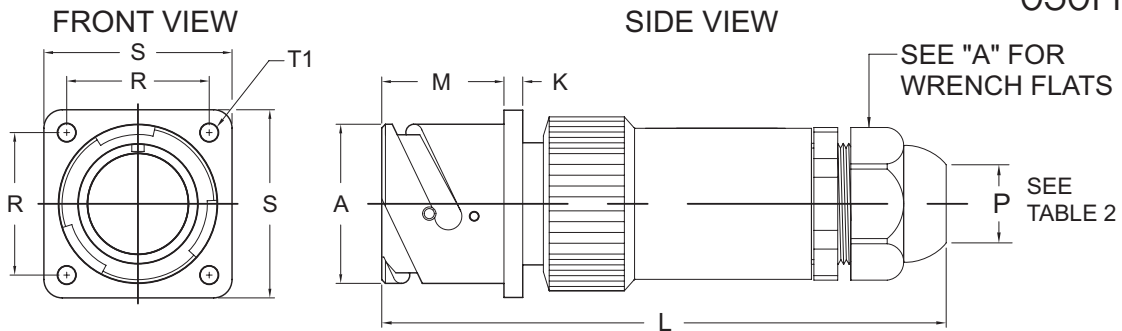
DIMENSIONS IN ITALIC ARE INCHES.

* CONSULT FACTORY

TABLE 2: CLAMP CODE

(XX) CLAMP CODE	Z - CABLE RANGE	
	OPEN	CLOSED
04C	7.92 / 0.312	2.40 / 0.094
06C	11.12 / 0.438	5.84 / 0.230
08C	13.48 / 0.531	8.0 / 0.315
10C	15.87 / 0.625	9.6 / 0.378
12C	19.00 / 0.748	11.3 / 0.445
16C	23.80 / 0.937	15.5 / 0.610
20C	31.75 / 1.250	23.4 / 0.921
24C	35.00 / 1.378	23.4 / 0.921
28C	41.25 / 1.624	29.9 / 1.177
32C	47.60 / 1.874	34.9 / 1.374

030FR**(PG)



EXAMPLE PART NUMBER: SCPB030FR24-28P-11R

FINISH: BLACK ANODIZE
CONTACTS: F80 SILVER PLATED CRIMP CONTACTS

SEE TABLE 2 BELOW
(07R THRU 48)

TABLE 1

SHELL SIZE	FRONT VIEW			SIDE VIEW			
	R	S	T1	A	K	L	M
	$\pm 0.1/\pm 0.004$	$\pm 0.3/\pm 0.012$	$\pm 0.1/\pm 0.004$ $-0.0/-0.000$	$\pm 0.00/\pm 0.000$ $-0.15/-0.006$	$\pm 0.2/\pm 0.008$		$\pm 0.4/\pm 0.016$ $-0.0/-0.000$
10SL	18.2/0.717	25.4/1.000	3.2/0.126	18.2/0.717	2.8/0.110	* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.	18.20/0.717
14S	23.0/0.906	30.0/1.181	3.2/0.126	24.6/0.969	3.2/0.126		18.20/0.717
16S	24.6/0.969	32.5/1.280	3.2/0.126	27.4/1.079	3.2/0.126		18.20/0.717
16	24.6/0.969	32.5/1.280	3.2/0.126	27.4/1.079	3.2/0.126		23.05/0.907
18	27.0/1.063	35.0/1.378	3.2/0.126	30.8/1.213	4.0/0.157		23.05/0.907
20	29.4/1.157	38.0/1.496	3.2/0.126	34.2/1.346	4.0/0.157		23.05/0.907
22	31.8/1.252	41.0/1.614	3.2/0.126	37.4/1.472	4.0/0.157		23.05/0.907
24	34.9/1.374	44.5/1.752	3.7/0.146	40.9/1.610	4.0/0.157		23.05/0.907
28	39.7/1.563	50.8/2.000	3.7/0.146	46.7/1.839	4.0/0.157		24.05/0.947
32	44.5/1.752	57.0/2.244	4.3/0.169	53.4/2.102	4.0/0.157		24.05/0.947
36	49.2/1.937	63.5/2.500	4.3/0.169	59.6/2.346	4.0/0.157		24.05/0.947
40	55.5/2.185	69.9/2.752	4.3/0.169	65.5/2.579	4.0/0.157		24.05/0.947

DIMENSIONS IN ITALIC ARE INCHES.

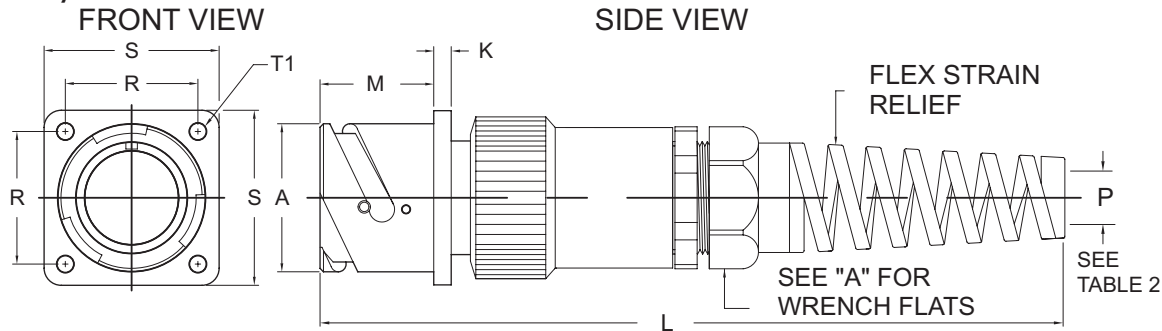
* CONSULT FACTORY

TABLE 2: CLAMP CODE

(XX) CABLE CODE	P			A
NO STRAIN RELIEF	TYPE	CABLE RANGE	WRENCH FLATS	
07R	PG7	2.0-5.0/ <i>0.08-0.20</i>	15.0/ <i>0.591</i>	
07	PG7	3.0-6.5/ <i>0.12-0.26</i>	15.0/ <i>0.591</i>	
09R	PG9	2.0-6.0/ <i>0.08-0.24</i>	19.0/ <i>0.748</i>	
09	PG9	4.0-8.0/ <i>0.16-0.31</i>	19.0/ <i>0.748</i>	
11R	PG11	3.0-7.0/ <i>0.12-0.28</i>	22.0/ <i>0.866</i>	
11	PG11	5.0-10.0/ <i>0.20-0.39</i>	22.0/ <i>0.866</i>	
13R	PG13.5	5.0-9.0/ <i>0.20-0.35</i>	24.0/ <i>0.945</i>	
13	PG13.5	6.0-12.0/ <i>0.24-0.47</i>	24.0/ <i>0.945</i>	
16R	PG16	7.0-12.0/ <i>0.28-0.47</i>	27.0/ <i>1.063</i>	
16	PG16	10.0-14.0/ <i>0.39-0.55</i>	27.0/ <i>1.063</i>	
21R	PG21	9.0-16.0/ <i>0.35-0.63</i>	33.0/ <i>1.299</i>	
21	PG21	13.0-18.0/ <i>0.51-0.71</i>	33.0/ <i>1.299</i>	
29R	PG29	12.0-20.0/ <i>0.47-0.79</i>	42.0/ <i>1.654</i>	
29	PG29	18.0-25.0/ <i>0.71-0.98</i>	42.0/ <i>1.654</i>	
36R	PG36	20.0-26.0/ <i>0.79-1.02</i>	53.0/ <i>2.087</i>	
36	PG36	22.0-32.0/ <i>0.87-1.26</i>	53.0/ <i>2.087</i>	
42	PG42	30.0-38.0/ <i>1.18-1.50</i>	60.0/ <i>2.362</i>	
48	PG48	34.0-44.0/ <i>1.34-1.73</i>	65.0/ <i>2.559</i>	

WALL MOUNT RECEPTACLE, REAR PANEL MOUNT

030FR**(SPB)



EXAMPLE PART NUMBER: SCPB030FR24-28P-SPB16R

FINISH: BLACK ANODIZE SEE TABLE 2 BELOW
CONTACTS: F80 SILVER PLATED CRIMP CONTACTS (04C THRU 32C)

TABLE 1

SHELL SIZE	FRONT VIEW			SIDE VIEW			
	R	S	T1	A	K	L	M
	±0.1/±.004	±0.3/±.012	+0.1/+0.004 -0.0/-0.000	+0.00/+0.000 -0.15/-0.006	±0.2/±.008		+0.4/+0.016 -0.0/-0.000
10SL	18.2/0.717	25.4/1.000	3.2/0.126	18.2/0.717	2.8/0.110		18.20/0.717
14S	23.0/0.906	30.0/1.181	3.2/0.126	24.6/0.969	3.2/0.126		18.20/0.717
16S	24.6/0.969	32.5/1.280	3.2/0.126	27.4/1.079	3.2/0.126		18.20/0.717
16	24.6/0.969	32.5/1.280	3.2/0.126	27.4/1.079	3.2/0.126		23.05/0.907
18	27.0/1.063	35.0/1.378	3.2/0.126	30.8/1.213	4.0/0.157		23.05/0.907
20	29.4/1.157	38.0/1.496	3.2/0.126	34.2/1.346	4.0/0.157		23.05/0.907
22	31.8/1.252	41.0/1.614	3.2/0.126	37.4/1.472	4.0/0.157		23.05/0.907
24	34.9/1.374	44.5/1.752	3.7/0.146	40.9/1.610	4.0/0.157		23.05/0.907
28	39.7/1.563	50.8/2.000	3.7/0.146	46.7/1.839	4.0/0.157		24.05/0.947
32	44.5/1.752	57.0/2.244	4.3/0.169	53.4/2.102	4.0/0.157		24.05/0.947
36	49.2/1.937	63.5/2.500	4.3/0.169	59.6/2.346	4.0/0.157		24.05/0.947
40	55.5/2.185	69.9/2.752	4.3/0.169	65.5/2.579	4.0/0.157		24.05/0.947

DIMENSIONS IN ITALIC ARE INCHES.
* CONSULT FACTORY

TABLE 2: CABLE RANGE CODE

(XX) CABLE CODE	TYPE	P CABLE RANGE	A WRENCH FLATS
FLEX STRAIN RELIEF			
SPB07R	PG7	2.0-5.0 / 0.08-0.20	15.0 / 0.591
SPB07	PG7	3.0-6.5 / 0.12-0.26	15.0 / 0.591
SPB09R	PG9	2.0-6.0 / 0.08-0.24	19.0 / 0.748
SPB09	PG9	4.0-8.0 / 0.16-0.31	19.0 / 0.748
SPB11R	PG11	3.0-7.0 / 0.12-0.28	22.0 / 0.866
SPB11	PG11	5.0-10.0 / 0.20-0.39	22.0 / 0.866
SPB13R	PG13.5	5.0-9.0 / 0.20-0.35	24.0 / 0.945
SPB13	PG13.5	6.0-12.0 / 0.24-0.47	24.0 / 0.945
SPB16R	PG16	7.0-12.0 / 0.28-0.47	27.0 / 1.063
SPB16	PG16	10.0-14.0 / 0.39-0.55	27.0 / 1.063
SPB21R	PG21	9.0-16.0 / 0.35-0.63	33.0 / 1.299
SPB21	PG21	13.0-18.0 / 0.51-0.71	33.0 / 1.299
SPB29R	PG29	12.0-20.0 / 0.47-0.79	42.0 / 1.654
SPB29	PG29	18.0-25.0 / 0.71-0.98	42.0 / 1.654
SPB36R	PG36	20.0-26.0 / 0.79-1.02	53.0 / 2.087
SPB36	PG36	22.0-32.0 / 0.87-1.26	53.0 / 2.087
SPB42	PG42	30.0-38.0 / 1.18-1.50	60.0 / 2.362
SPB48	PG48	34.0-44.0 / 1.34-1.73	65.0 / 2.559

030LA*/030LR*

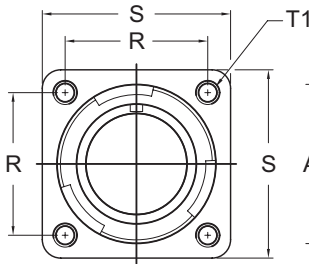
MOUNTING HOLE OPTION



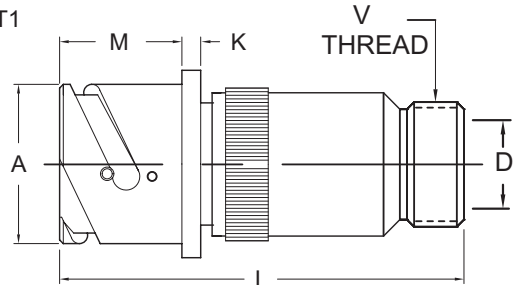
THREADED MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

FRONT VIEW



SIDE VIEW



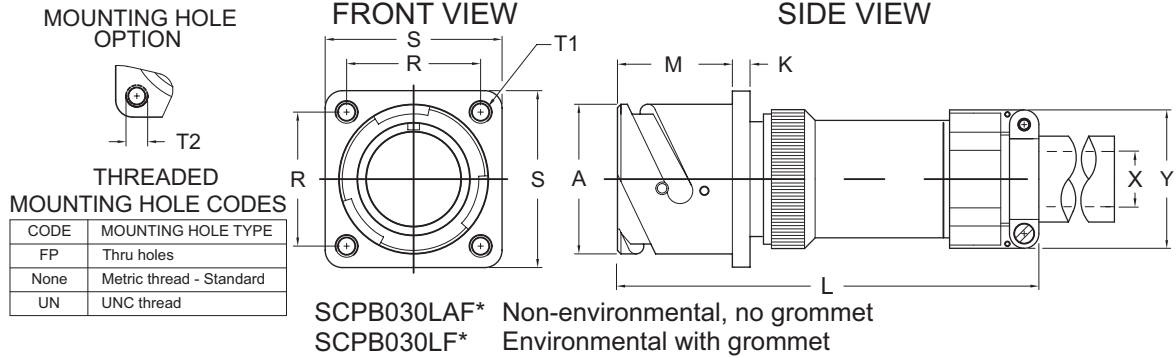
SCPB030LA* Non-environmental, no grommet
SCPB030LR* Environmental with grommet

SHELL SIZE	FRONT VIEW				SIDE VIEW						
	R	S	T1	T2	A	D	K	L	M	V	
	±0.1/±.004	±0.3/±.012	+0.1/+0.004 -0.0/-0.000 STYLE FP	THREAD	+0.00/+0.000 -0.15/-0.006	MIN.	±0.2/±.008	APPX.	+0.4/+0.016 -0.0/-0.000	THREAD CLASS 2A	
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4 8-32UNC	18.2/0.717	8.2/0.323	2.8/0.110	70/2.756	18.20/0.717	5/8-24 UNEF	
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4 8-32UNC	24.6/0.969	11.1/0.437	3.2/0.126	71/2.795	18.20/0.717	3/4-20 UNEF	
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4 8-32UNC	27.4/1.079	14.3/0.563	3.2/0.126	71/2.795	18.20/0.717	7/8-20 UNEF	
16	24.6/0.969	32.5/1.280	3.2/0.126	M4 8-32UNC	27.4/1.079	14.3/0.563	3.2/0.126	77/3.031	23.05/0.907	7/8-20 UNEF	
18	27.0/1.063	35.0/1.378	3.2/0.126	M4 8-32UNC	30.8/1.213	16.7/0.657	4.0/0.157	80/3.150	23.05/0.907	1-20 UNEF	
20	29.4/1.157	38.0/1.496	3.2/0.126	M4 8-32UNC	34.2/1.346	19.8/0.780	4.0/0.157	80/3.150	23.05/0.907	1 3/16-18 UNEF	
22	31.8/1.252	41.0/1.614	3.2/0.126	M4 8-32UNC	37.4/1.472	19.8/0.780	4.0/0.157	80/3.150	23.05/0.907	1 3/16-18 UNEF	
24	34.9/1.374	44.5/1.752	3.7/0.146	M4 10-24UNC	40.9/1.610	25.4/1.000	4.0/0.157	79/3.110	23.05/0.907	1 7/16-18 UNEF	
28	39.7/1.563	50.8/2.000	3.7/0.146	M5 10-24UNC	46.7/1.839	27.0/1.063	4.0/0.157	86/3.386	24.05/0.947	1 7/16-18 UNEF	
32	44.5/1.752	57.0/2.244	4.3/0.169	M5 1/4-20UNC	53.4/2.102	32.5/1.280	4.0/0.157	88/3.465	24.05/0.947	1 3/4-18 UNS	
36	49.2/1.937	63.5/2.500	4.3/0.169	M5 1/4-20UNC	59.6/2.346	35.7/1.406	4.0/0.157	88/3.465	24.05/0.947	2-18 UNS	
40	55.5/2.185	69.9/2.752	4.3/0.169	M5 1/4-20UNC	65.5/2.579	45.0/1.772	4.0/0.157	88/3.465	24.05/0.947	2 1/4-16 UN	

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE, REAR PANEL MOUNT

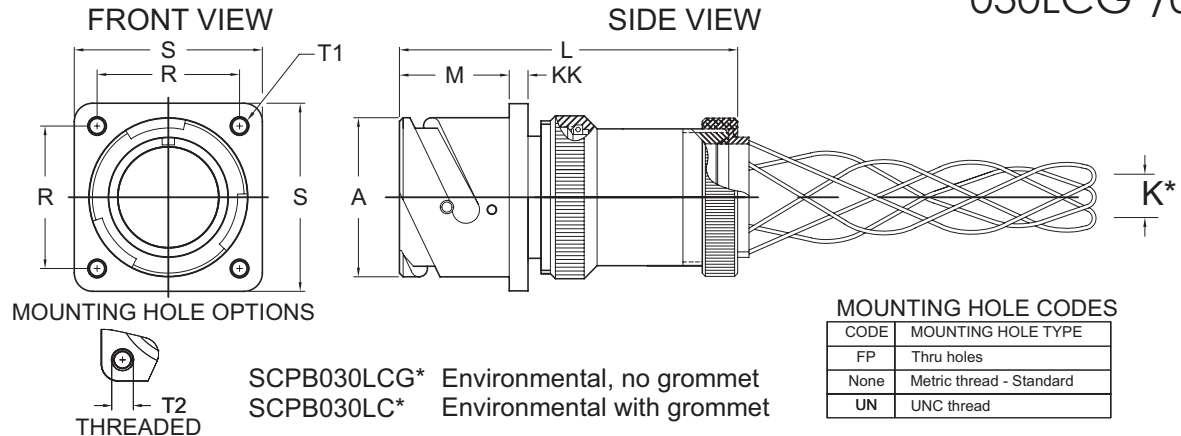
030LAF*/030LF*



SHELL SIZE	FRONT VIEW					SIDE VIEW					
	R	S	T1	T2		A	K	L	M	X	Y
	$\pm 0.1 / \pm 0.04$	$\pm 0.3 / \pm 0.12$	$+0.1 / +0.04$ $-0.0 / -0.00$	THREAD		$+0.00 / +0.00$ $-0.15 / -0.06$	$\pm 0.2 \pm 0.08$	MAX	$+0.4 / +0.16$ $-0.0 / -0.00$	MIN	MAX
			STYLE FP	METRIC	UNC						
10SL	18.2 / 0.717	25.4 / 1.000	3.2 / 0.126	M4	8-32UNC	18.2 / 0.717	2.8 / 0.110	92 / 3.622	18.20 / 0.717	5.6 / 0.220	22.7 / 0.894
14S	23.0 / 0.906	30.0 / 1.181	3.2 / 0.126	M4	8-32UNC	24.6 / 0.969	3.2 / 0.126	93 / 3.661	18.20 / 0.717	7.9 / 0.311	27.5 / 1.083
16S	24.6 / 0.969	32.5 / 1.280	3.2 / 0.126	M4	8-32UNC	27.4 / 1.079	3.2 / 0.126	95 / 3.740	18.20 / 0.717	11.0 / 0.433	30.0 / 1.181
16	24.6 / 0.969	32.5 / 1.280	3.2 / 0.126	M4	8-32UNC	27.4 / 1.079	3.2 / 0.126	111 / 4.370	23.05 / 0.907	11.0 / 0.433	30.0 / 1.181
18	27.0 / 1.063	35.0 / 1.378	3.2 / 0.126	M4	8-32UNC	30.8 / 1.213	4.0 / 0.157	111 / 4.370	23.05 / 0.907	14.2 / 0.559	32.2 / 1.268
20	29.4 / 1.157	38.0 / 1.496	3.2 / 0.126	M4	8-32UNC	34.2 / 1.346	4.0 / 0.157	111 / 4.370	23.05 / 0.907	15.8 / 0.622	37.5 / 1.476
22	31.8 / 1.252	41.0 / 1.614	3.2 / 0.126	M4	8-32UNC	37.4 / 1.472	4.0 / 0.157	111 / 4.370	23.05 / 0.907	15.8 / 0.622	37.5 / 1.476
24	34.9 / 1.374	44.5 / 1.752	3.7 / 0.146	M4	10-24UNC	40.9 / 1.610	4.0 / 0.157	113 / 4.449	23.05 / 0.907	19.0 / 0.748	43.3 / 1.705
28	39.7 / 1.563	50.8 / 2.000	3.7 / 0.146	M5	10-24UNC	46.7 / 1.839	4.0 / 0.157	121 / 4.764	24.05 / 0.947	19.0 / 0.748	43.3 / 1.705
32	44.5 / 1.752	57.0 / 2.244	4.3 / 0.169	M5	1/4-20UNC	53.4 / 2.102	4.0 / 0.157	123 / 4.842	24.05 / 0.947	23.8 / 1.051	51.7 / 2.035
36	49.2 / 1.937	63.5 / 2.500	4.3 / 0.169	M5	1/4-20UNC	59.6 / 2.346	4.0 / 0.157	125 / 4.921	24.05 / 0.947	31.7 / 1.248	58.0 / 2.283
40	55.5 / 2.185	69.9 / 2.752	4.3 / 0.169	M5	1/4-20UNC	65.5 / 2.579	4.0 / 0.157	138 / 5.433	24.05 / 0.947	34.9 / 1.374	65.5 / 2.579

DIMENSIONS IN ITALIC ARE INCHES.

030LCG*/030LC*



SHELL SIZE	FRONT VIEW					SIDE VIEW				K*	CABLE RANGE	
	R ±0.1/±.004	S ±0.3/±.012	T1 +0.1/+0.004 -0.0/-0.000	T2		A +0.00/+0.000 -0.15/-0.006	KK ±0.2/±.008	L ¹ MAX	M +0.4/+0.016 -0.0/-0.000		MIN	MAX
				THREAD								
				METRIC	UNC							
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	100/3.937	18.20/0.717	K0	6.35 / 0.250	9.53 / 0.375
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	100/3.937	18.20/0.717	K1	9.53 / 0.375	12.7 / 0.500
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	100/3.937	18.20/0.717	K2	12.7 / 0.500	15.87 / 0.625
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	110/4.331	23.05/0.907	K3	15.87 / 0.625	19.05 / 0.750
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	110/4.331	23.05/0.907	K4	19.05 / 0.750	22.23 / 0.875
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	116/4.567	23.05/0.907	K5	22.23 / 0.875	25.40 / 1.000
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	116/4.567	23.05/0.907	K6	25.40 / 1.000	28.45 / 1.120
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	120/4.724	23.05/0.907	K7	28.45 / 1.120	31.75 / 1.250
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	129/5.079	24.05/0.947	K8	32.77 / 1.290	38.10 / 1.500
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157	145/5.709	24.05/0.947	K9	39.62 / 1.560	41.28 / 1.625
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157	145/5.709	24.05/0.947	K10	41.28 / 1.625	44.45 / 1.750
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157	145/5.709	24.05/0.947			
DIMENSIONS IN ITALIC ARE INCHES												

1. DIMENSION L WILL VARY FROM THE VALUES INDICATED WITH ESCALATING OR DE-ESCALATING BACKSHELLS AND SOME SPECIAL INSERT CONFIGURATIONS.

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE, REAR PANEL MOUNT

030LCF*/030LCFZ*

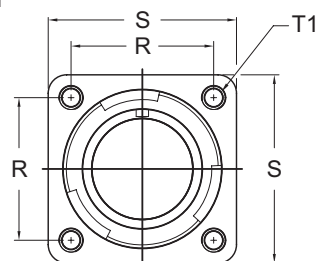
MOUNTING HOLE OPTION



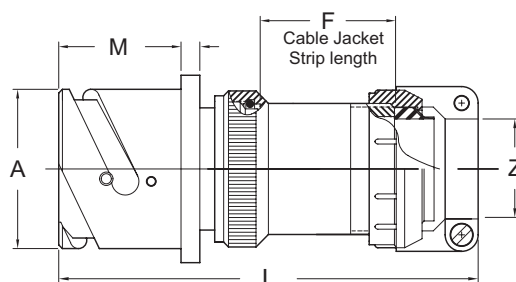
THREADED
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

FRONT VIEW



SIDE VIEW



SCPB030LCF* Environmental, no grommet
SCPB030LCFZ* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW						
	R	S	T1	T2		A	F	K	L	M	Z	
	$\pm 0.1/\pm 0.04$	$\pm 0.3/\pm 0.12$	$+0.1/\pm 0.04$ $-0.0/\pm 0.00$ STYLE FP	THREAD		$+0.00/\pm 0.00$ $-0.15/\pm 0.06$	REF	$\pm 0.2/\pm 0.08$	MAX	$+0.4/\pm 0.16$ $-0.0/\pm 0.00$	OPEN	CLOSED
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	42.0/1.654	2.8/0.110	101/3.976	18.20/0.717	7.93/0.312	2.38/0.094
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	42.6/1.677	3.2/0.126	101/3.976	18.20/0.717	11.12/0.438	5.84/0.230
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	42.6/1.677	3.2/0.126	104/4.094	18.20/0.717	13.48/0.531	8.0/0.315
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	42.6/1.677	3.2/0.126	114/4.488	23.05/0.907	13.48/0.531	8.0/0.315
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	45.8/1.803	4.0/0.157	119/4.685	23.05/0.907	15.87/0.625	9.6/0.378
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	45.9/1.807	4.0/0.157	119/4.685	23.05/0.907	19.00/0.748	11.3/0.445
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	45.9/1.807	4.0/0.157	119/4.685	23.05/0.907	19.00/0.748	11.3/0.445
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	44.5/1.752	4.0/0.157	124/4.882	23.05/0.907	23.80/0.937	15.5/0.610
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	49.5/1.949	4.0/0.157	130/5.118	24.05/0.947	23.80/0.937	15.5/0.610
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	49.6/1.953	4.0/0.157	137/5.394	24.05/0.947	31.75/1.250	23.4/0.921
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	50.0/1.969	4.0/0.157	144/5.669	24.05/0.947	35.00/1.378	23.4/0.921
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	50.0/1.969	4.0/0.157	144/5.669	24.05/0.947	41.25/1.624	29.9/1.177

DIMENSIONS IN ITALIC ARE INCHES.

030NMG*/030NM*

MOUNTING HOLE
OPTION

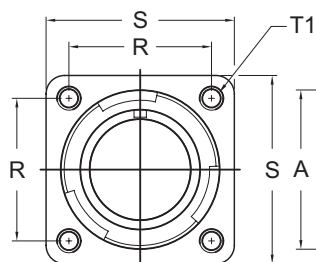


THREADED

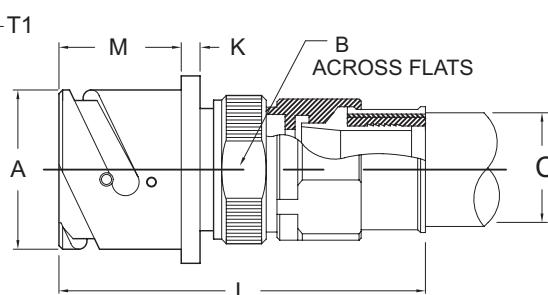
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

FRONT VIEW



SIDE VIEW



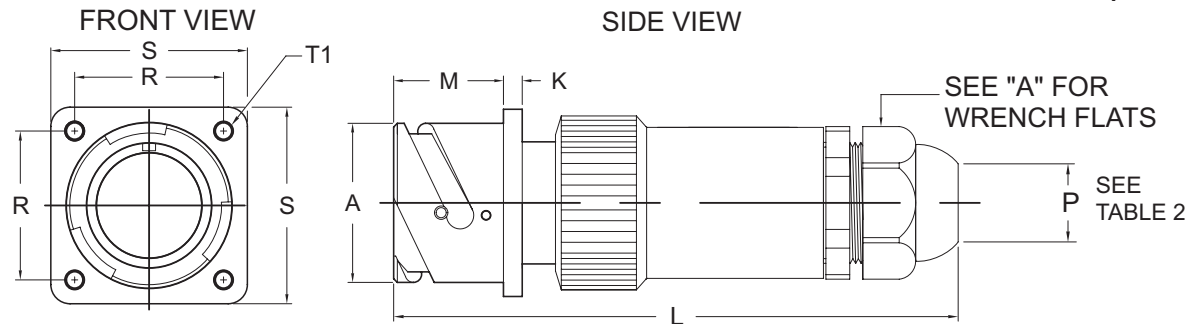
SCPB030NMG* Environmental, no grommet
SCPB030NM* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW					CODE (***)	AVAILABLE CONDUIT SIZES C
	R	S	T1	T2		A	B	K	L	M		
	$\pm 0.1/\pm 0.04$	$\pm 0.3/\pm 0.12$	$+0.1/\pm 0.04$ $-0.0/\pm 0.00$ STYLE FP	THREAD		$+0.00/\pm 0.00$ $-0.15/\pm 0.06$	ACROSS FLATS	$\pm 0.2/\pm 0.08$		$+0.4/\pm 0.16$ $-0.0/\pm 0.00$		
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	17.8/0.701	2.8/0.110	Dimension L is dependent on conduit size used with each shell size. (consult factory)	18.20/0.717	(038)	9.52/3/8
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	23.8/0.937	3.2/0.126		18.20/0.717	(050)	12.70/1/2
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	25.4/1.000	3.2/0.126		18.20/0.717	(075)	19.05/3/4
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	25.4/1.000	3.2/0.126		23.05/0.907	(100)	25.40/1
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	28.6/1.126	4.0/0.157		23.05/0.907	(125)	31.75/1 1/4
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	31.7/1.248	4.0/0.157		23.05/0.907	(150)	38.10/1 1/2
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	34.9/1.374	4.0/0.157		23.05/0.907	(200)	50.80/2
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	38.1/1.500	4.0/0.157		23.05/0.907	(***) Conduit Size must be specified as part of the connector part number using Conduit code	
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	44.4/1.748	4.0/0.157		24.05/0.947		
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	50.8/2.000	4.0/0.157		24.05/0.947		
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	57.1/2.248	4.0/0.157		24.05/0.947		
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	61.9/2.437	4.0/0.157		24.05/0.947		

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE, REAR PANEL MOUNT

030SL*/030SL1*



SCPB030SL* Environmental, no grommet
SCPB030SL1* Environmental with grommet

MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

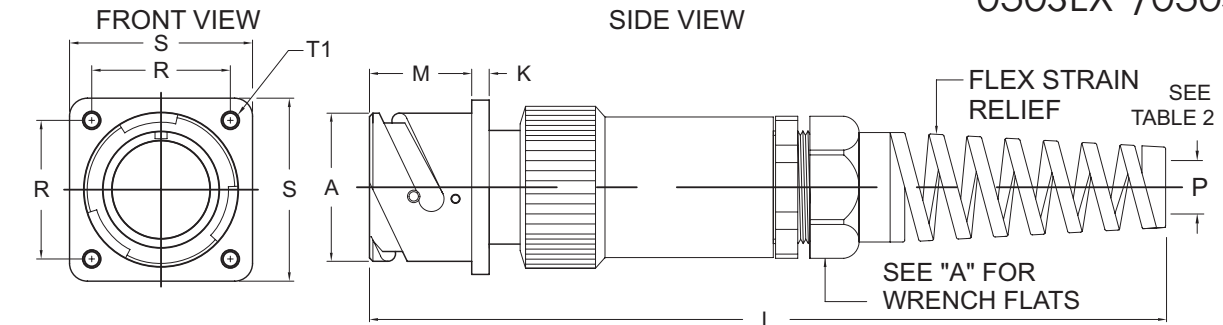
TABLE 2: CABLE RANGE CODE

(XX) CABLE CODE NO STRAIN RELIEF	TYPE	P CABLE RANGE	A WRENCH FLATS
07R	PG7	2.0-5.0 / 0.08-0.20	15.0 / 0.591
07	PG7	3.0-6.5 / 0.12-0.26	15.0 / 0.591
09R	PG9	2.0-6.0 / 0.08-0.24	19.0 / 0.748
09	PG9	4.0-8.0 / 0.16-0.31	19.0 / 0.748
11R	PG11	3.0-7.0 / 0.12-0.28	22.0 / 0.866
11	PG11	5.0-10.0 / 0.20-0.39	22.0 / 0.866
13R	PG13.5	5.0-9.0 / 0.20-0.35	24.0 / 0.945
13	PG13.5	6.0-12.0 / 0.24-0.47	24.0 / 0.945
16R	PG16	7.0-12.0 / 0.28-0.47	27.0 / 1.063
16	PG16	10.0-14.0 / 0.39-0.55	27.0 / 1.063
21R	PG21	9.0-16.0 / 0.35-0.63	33.0 / 1.299
21	PG21	13.0-18.0 / 0.51-0.71	33.0 / 1.299
29R	PG29	12.0-20.0 / 0.47-0.79	42.0 / 1.654
29	PG29	18.0-25.0 / 0.71-0.98	42.0 / 1.654
36R	PG36	20.0-26.0 / 0.79-1.02	53.0 / 2.087
36	PG36	22.0-32.0 / 0.87-1.26	53.0 / 2.087
42	PG42	30.0-38.0 / 1.18-1.50	60.0 / 2.362
48	PG48	34.0-44.0 / 1.34-1.73	65.0 / 2.559

SHELL SIZE	FRONT VIEW				SIDE VIEW			
	R	S	T1	T2	A	K	L	M
	±0.1/±.004	±0.3/±.012	+0.1/+.004 -0.0/- .000	THREAD	+0.00/+ .000 -0.15/- .006	±0.2/ ±.008		+0.4/ +.016 -0.0/- .000
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4 8-32UNC	18.2/0.717	2.8/0.110		18.20 / 0.717
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4 8-32UNC	24.6/0.969	3.2/0.126		18.20 / 0.717
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4 8-32UNC	27.4/1.079	3.2/0.126		18.20 / 0.717
16	24.6/0.969	32.5/1.280	3.2/0.126	M4 8-32UNC	27.4/1.079	3.2/0.126		23.05 / 0.907
18	27.0/1.063	35.0/1.378	3.2/0.126	M4 8-32UNC	30.8/1.213	4.0/0.157		23.05 / 0.907
20	29.4/1.157	38.0/1.496	3.2/0.126	M4 8-32UNC	34.2/1.346	4.0/0.157		23.05 / 0.907
22	31.8/1.252	41.0/1.614	3.2/0.126	M4 8-32UNC	37.4/1.472	4.0/0.157		23.05 / 0.907
24	34.9/1.374	44.5/1.752	3.7/0.146	M4 10-24UNC	40.9/1.610	4.0/0.157		23.05 / 0.907
28	39.7/1.563	50.8/2.000	3.7/0.146	M5 10-24UNC	46.7/1.839	4.0/0.157		24.05 / 0.947
32	44.5/1.752	57.0/2.244	4.3/0.169	M5 1/4-20UNC	53.4/2.102	4.0/0.157		24.05 / 0.947
36	49.2/1.937	63.5/2.500	4.3/0.169	M5 1/4-20UNC	59.6/2.346	4.0/0.157		24.05 / 0.947
40	55.5/2.185	69.9/2.752	4.3/0.169	M5 1/4-20UNC	65.5/2.579	4.0/0.157		24.05 / 0.947

DIMENSIONS IN ITALIC ARE INCHES.

030SLX*/030SLX1*



SCPB030SLX* Environmental, no grommet
SCPB030SLX1* Environmental with grommet

MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

TABLE 2: CABLE RANGE CODE

(XX) CABLE CODE NO STRAIN RELIEF	TYPE	P CABLE RANGE	A WRENCH FLATS
07R	PG7	2.0-5.0 / 0.08-0.20	15.0 / 0.591
07	PG7	3.0-6.5 / 0.12-0.26	15.0 / 0.591
09R	PG9	2.0-6.0 / 0.08-0.24	19.0 / 0.748
09	PG9	4.0-8.0 / 0.16-0.31	19.0 / 0.748
11R	PG11	3.0-7.0 / 0.12-0.28	22.0 / 0.866
11	PG11	5.0-10.0 / 0.20-0.39	22.0 / 0.866
13R	PG13.5	5.0-9.0 / 0.20-0.35	24.0 / 0.945
13	PG13.5	6.0-12.0 / 0.24-0.47	24.0 / 0.945
16R	PG16	7.0-12.0 / 0.28-0.47	27.0 / 1.063
16	PG16	10.0-14.0 / 0.39-0.55	27.0 / 1.063
21R	PG21	9.0-16.0 / 0.35-0.63	33.0 / 1.299
21	PG21	13.0-18.0 / 0.51-0.71	33.0 / 1.299
29R	PG29	12.0-20.0 / 0.47-0.79	42.0 / 1.654
29	PG29	18.0-25.0 / 0.71-0.98	42.0 / 1.654
36R	PG36	20.0-26.0 / 0.79-1.02	53.0 / 2.087
36	PG36	22.0-32.0 / 0.87-1.26	53.0 / 2.087
42	PG42	30.0-38.0 / 1.18-1.50	60.0 / 2.362
48	PG48	34.0-44.0 / 1.34-1.73	65.0 / 2.559

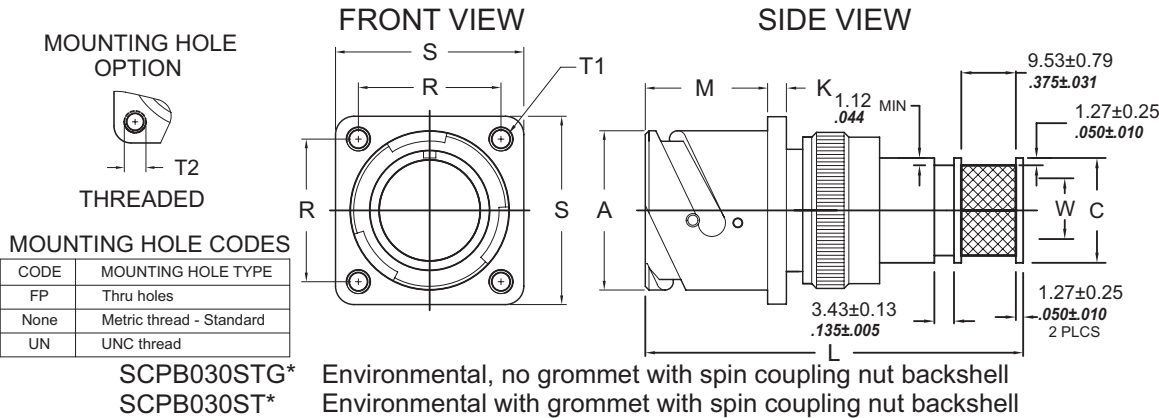
SHELL SIZE	FRONT VIEW				SIDE VIEW			
	R	S	T1	T2	A	K	L	M
	±0.1/±.004	±0.3/±.012	+0.1/+.004 -0.0/- .000	THREAD	+0.00/+ .000 -0.15/- .006	±0.2/ ±.008		+0.4/ +.016 -0.0/- .000
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4 8-32UNC	18.2/0.717	2.8/0.110		18.20 / 0.717
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4 8-32UNC	24.6/0.969	3.2/0.126		18.20 / 0.717
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4 8-32UNC	27.4/1.079	3.2/0.126		18.20 / 0.717
16	24.6/0.969	32.5/1.280	3.2/0.126	M4 8-32UNC	27.4/1.079	3.2/0.126		23.05 / 0.907
18	27.0/1.063	35.0/1.378	3.2/0.126	M4 8-32UNC	30.8/1.213	4.0/0.157		23.05 / 0.907
20	29.4/1.157	38.0/1.496	3.2/0.126	M4 8-32UNC	34.2/1.346	4.0/0.157		23.05 / 0.907
22	31.8/1.252	41.0/1.614	3.2/0.126	M4 8-32UNC	37.4/1.472	4.0/0.157		23.05 / 0.907
24	34.9/1.374	44.5/1.752	3.7/0.146	M4 10-24UNC	40.9/1.610	4.0/0.157		23.05 / 0.907
28	39.7/1.563	50.8/2.000	3.7/0.146	M5 10-24UNC	46.7/1.839	4.0/0.157		24.05 / 0.947
32	44.5/1.752	57.0/2.244	4.3/0.169	M5 1/4-20UNC	53.4/2.102	4.0/0.157		24.05 / 0.947
36	49.2/1.937	63.5/2.500	4.3/0.169	M5 1/4-20UNC	59.6/2.346	4.0/0.157		24.05 / 0.947
40	55.5/2.185	69.9/2.752	4.3/0.169	M5 1/4-20UNC	65.5/2.579	4.0/0.157		24.05 / 0.947

DIMENSIONS IN ITALIC ARE INCHES.

* CONSULT FACTORY

WALL MOUNT RECEPTACLE, REAR PANEL MOUNT

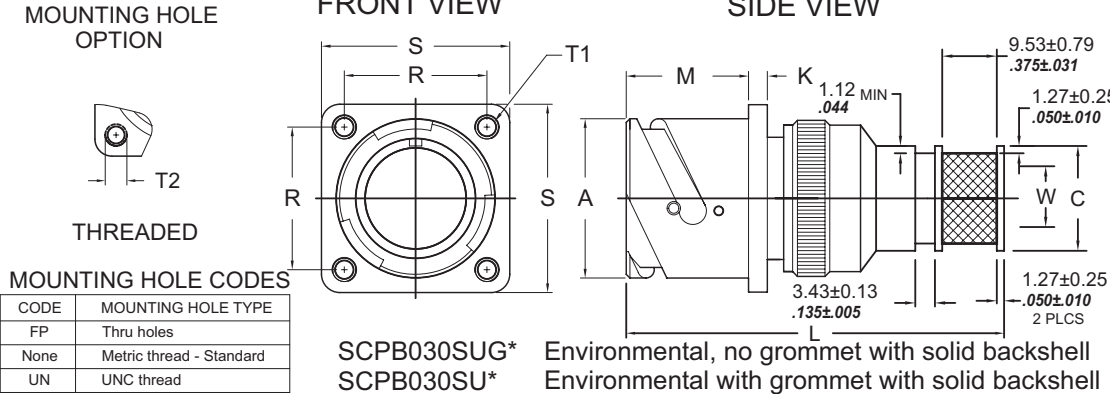
030STG*/030ST*



SHELL SIZE	FRONT VIEW					SIDE VIEW					
	R ±0.1/±.004	S ±0.3/±.012	T1 +0.14/+.004 -0.0/- .000 STYLE FP	T2 THREAD		A +0.00/+ .000 -0.15/- .006	C	K ±0.2±.008	L MAX	M +0.4/+ .016 -0.0/- .000	W
				METRIC	UNC						
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	12.70/0.500	2.8/0.110	61.0/2.400	18.20/0.717	7.92/0.312
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	16.00/0.630	3.2/0.126	61.6/2.425	18.20/0.717	11.18/0.440
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	17.78/0.700	3.2/0.126	61.0/2.400	18.20/0.717	12.70/0.500
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	17.78/0.700	3.2/0.126	66.7/2.625	23.05/0.907	12.70/0.500
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	20.57/0.810	4.0/0.157	66.7/2.625	23.05/0.907	15.87/0.625
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	20.57/0.810	4.0/0.157	66.7/2.625	23.05/0.907	15.87/0.625
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	22.10/0.870	4.0/0.157	66.7/2.625	23.05/0.907	17.53/0.690
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	23.87/0.940	4.0/0.157	68.6/2.700	23.05/0.907	19.05/0.750
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	26.90/1.060	4.0/0.157	68.6/2.700	24.05/0.947	22.23/0.875
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	CONSULT SALES	4.0/0.157	CONSULT SALES	24.05/0.947	CONSULT SALES
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346		4.0/0.157		24.05/0.947	
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579		4.0/0.157		24.05/0.947	

DIMENSIONS IN ITALIC ARE INCHES.

030SUG*/030SU*



SHELL SIZE	FRONT VIEW					SIDE VIEW					
	R ±0.1/±.004	S ±0.3/±.012	T1 +0.14/+.004 -0.0/- .000 STYLE FP	T2 THREAD		A +0.00/+ .000 -0.15/- .006	C ±0.08/±.003	K ±0.2±.008	L MAX	M +0.4/+ .016 -0.0/- .000	W ±0.13/±.005
				METRIC	UNC						
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	12.70/0.500	2.8/0.110	61.0/2.400	18.20/0.717	7.92/0.312
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	16.00/0.630	3.2/0.126	61.6/2.425	18.20/0.717	11.18/0.440
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	17.78/0.700	3.2/0.126	61.0/2.400	18.20/0.717	12.70/0.500
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	17.78/0.700	3.2/0.126	66.7/2.625	23.05/0.907	12.70/0.500
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	20.57/0.810	4.0/0.157	66.7/2.625	23.05/0.907	15.87/0.625
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	20.57/0.810	4.0/0.157	66.7/2.625	23.05/0.907	15.87/0.625
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	22.10/0.870	4.0/0.157	66.7/2.625	23.05/0.907	17.53/0.690
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	23.87/0.940	4.0/0.157	68.6/2.700	23.05/0.907	19.05/0.750
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	26.90/1.060	4.0/0.157	68.6/2.700	24.05/0.947	22.23/0.875
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	CONSULT SALES	4.0/0.157	CONSULT SALES	24.05/0.947	CONSULT SALES
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346		4.0/0.157		24.05/0.947	
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579		4.0/0.157		24.05/0.947	

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE, REAR PANEL MOUNT

030SV*

MOUNTING HOLE OPTION

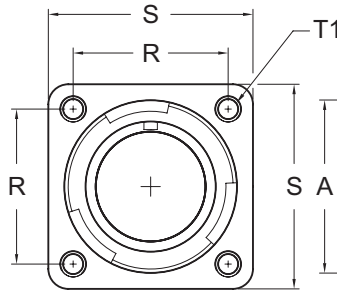


THREADED

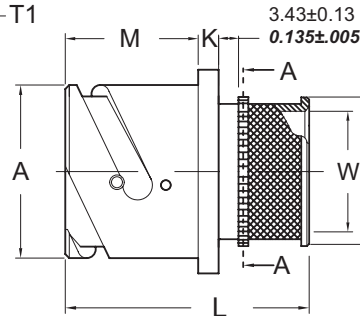
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

FRONT VIEW



SIDE VIEW



SHELL SIZES:
10SL, 14S & 16S
6.35±0.13
0.250±0.005
FOR .125 BAND

SHELL SIZES:
16-40
9.14±0.13
0.360±0.005
FOR .240 BAND

SCPB030SV* Environmental, no grommet

SHELL SIZE	FRONT VIEW						SIDE VIEW						
	R	S	T1	T2 THREAD		A	G	K	L	M	W	X	
	±0.1/±.004	±0.3/±.012	+0.1/+0.004 -0.0/-0.000	STYLE		+0.00/+0.000 -0.15/-0.006	MAX	±0.2/±.008	MAX	+0.4/+0.016 -0.0/-0.000	MIN	±0.4/±.016	
			FP	METRIC	UNC							.240 BAND	.120 BAND
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	16.1/0.632	2.8/0.110	33.53/1.320	18.20/0.717	12.1/0.475	-	5.8/0.230
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	19.2/0.755	3.2/0.126	33.53/1.320	18.20/0.717	15.4/0.605	-	5.8/0.230
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	22.4/0.880	3.2/0.126	33.53/1.320	18.20/0.717	18.7/0.735	-	5.8/0.230
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	22.4/0.880	3.2/0.126	42.80/1.685	23.05/0.907	18.7/0.735	3.7/0.145	-
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	25.5/1.005	4.0/0.157	42.80/1.685	23.05/0.907	21.9/0.860	3.7/0.145	-
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	28.7/1.130	4.0/0.157	42.80/1.685	23.05/0.907	24.8/0.975	3.7/0.145	-
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	31.9/1.255	4.0/0.157	42.80/1.685	23.05/0.907	28.1/1.105	3.7/0.145	-
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	35.1/1.380	4.0/0.157	42.80/1.685	23.05/0.907	31.2/1.230	3.7/0.145	-
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	41.4/1.630	4.0/0.157	43.82/1.725	24.05/0.947	35.9/1.415	4.7/0.185	-
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	47.8/1.880	4.0/0.157	43.82/1.725	24.05/0.947	43.1/1.695	4.7/0.185	-
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	52.5/2.067	4.0/0.157	43.82/1.725	24.05/0.947	48.0/1.890	4.7/0.185	-
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	58.9/2.317	4.0/0.157	43.82/1.725	24.05/0.947	53.8/2.120	4.7/0.185	-

DIMENSIONS IN ITALIC ARE INCHES.

MOUNTING HOLE OPTIONS

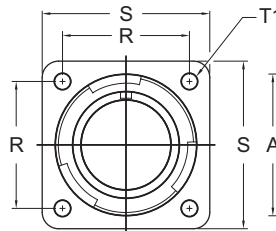


THREADED

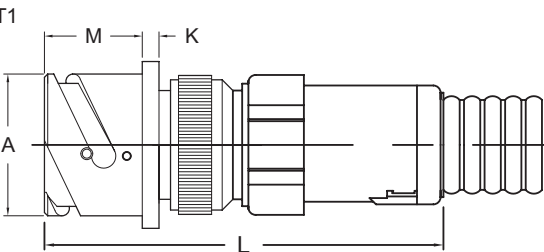
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

FRONT VIEW



SIDE VIEW



030TRAC*

SCPB030TRAC* Environmental with grommet

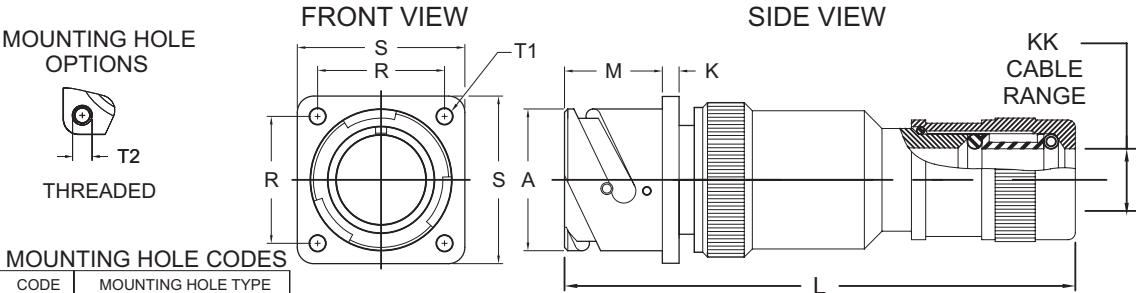
SHELL SIZE	FRONT VIEW						SIDE VIEW			
	R	S	T1	T2 THREAD		A	K	L	M	
	±0.1/±.004	±0.3/±.012	+0.1/+0.004 -0.0/-0.000	STYLE		+0.00/+0.000 -0.15/-0.006	±0.2/±.008		+0.4/+0.016 -0.0/-0.000	
			FP	METRIC	UNC					
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110		18.20/0.717	
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126		18.20/0.717	
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126		18.20/0.717	
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126		23.05/0.907	
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157		23.05/0.907	
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157		23.05/0.907	
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157		23.05/0.907	
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157		23.05/0.907	
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157		24.05/0.947	
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157		24.05/0.947	
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157		24.05/0.947	
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157		24.05/0.947	

* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE, REAR PANEL MOUNT

030WK*/030WKG*



MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

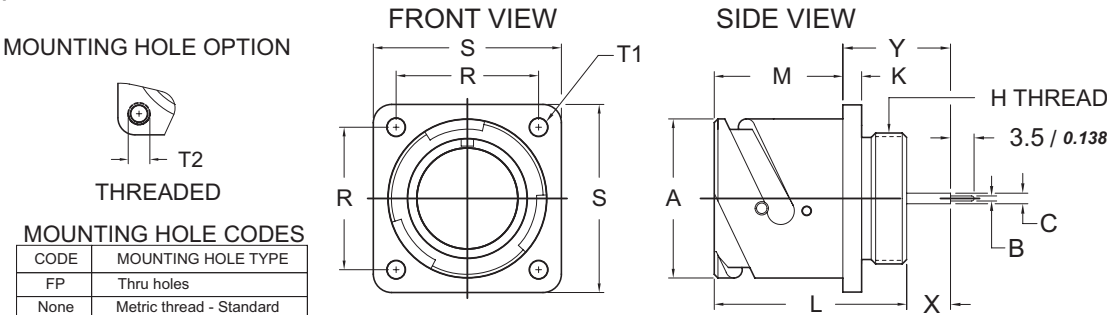
SCP030WK* Environmental with grommet
SCP030WKG* Environmental, no grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW				CABLE RANGE CODE	KK		
	R ±0.1/ ±.004	S ±0.3/ ±.012	T1 +0.1/+0.004 -0.0/-0.000	T2		A +0.00/+0.000 -0.15/-0.006	K ±0.2/ ±.008	L MAX	M +0.4/ +.016 -0.0/ -0.000		01 1.59 / 0.063	MIN 3.18 / 0.125	MAX 6.35 / 0.250
				THREAD									
				METRIC	UNC								
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	111/ 4.370	18.20/0.717	02 9.53 / 0.375	12.70 / 0.500	15.88 / 0.625	
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	112/ 4.409	18.20/0.717	03 12.70 / 0.500	15.88 / 0.625	19.05 / 0.750	
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	100/3.937	18.20/0.717	04 15.88 / 0.625	19.05 / 0.750	22.23 / 0.875	
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	110/ 4.331	23.05/0.907	05 19.05 / 0.750	22.23 / 0.875	25.40 / 1.000	
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	127/5.000	23.05/0.907	06 22.23 / 0.875	25.40 / 1.000	28.58 / 1.125	
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	127/5.000	23.05/0.907	07 25.40 / 1.000	28.58 / 1.125	31.75 / 1.250	
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	133/5.236	23.05/0.907	08 28.58 / 1.125	31.75 / 1.250	34.93 / 1.375	
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	134/5.276	23.05/0.907	09 31.75 / 1.250	34.93 / 1.375	38.10 / 1.500	
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	134/5.276	24.05/0.947	10 38.10 / 1.500	41.23 / 1.623	44.45 / 1.750	
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157	136/5.354	24.05/0.947	11 41.23 / 1.623	44.45 / 1.750	47.63 / 1.875	
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157	136/5.354	24.05/0.947	12 44.45 / 1.750	47.63 / 1.875	50.80 / 2.000	
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157	136/5.354	24.05/0.947	13 47.63 / 1.875	50.80 / 2.000		

DIMENSIONS IN ITALIC ARE INCHES.
1. DIMENSION L WILL VARY FROM THE VALUES INDICATED
WITH ESCALATING OR DE-ESCALATING BACKSHELLS
AND SOME SPECIAL INSERT CONFIGURATIONS.

(**) Cable Range must be specified as part of the connector part number using Cable Range Code.

030YM*



MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

SCP030YM* Environmental with PC tail contacts

AVAILABLE CONTACT	B +0.00 / +0.00 -0.05 / -0.002	C +0.00 / +0.00 -0.10 / -0.004
SIZE 16S AND 16	0.75 / 0.030	1.6 / 0.063
SIZE 12	1.8 / 0.071	3.4 / 0.134

Connectors are available only with contact sizes 16S, 16 and 12. For different contact sizes please consult factory.

	FRONT VIEW						SIDE VIEW											
SHELL SIZE	R	S	T1	T2		A	K	L	M	H	TYPE		TYPE		TYPE		TYPE	
	±0.1/±.004	±0.3/±.012	+0.1/-0.004 -0.0/-0.000	THREAD		+0.00/-0.000 -0.15/-0.006	±0.2/±.008	±0.3/±.012	+0.4/+0.016 -0.0/-0.000	THREAD CLASS 2A	Y ^M	Y ^M	Y ^{M1}	Y ^M	Y ^{M2}	Y ^M	Y ^{M3}	Y ^M
				METRIC	UNC						X ^{**}	Y ^{**}	X ^{**}	Y ^{**}	X ^{**}	Y ^{**}	X ^{**}	Y ^{**}
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	27.6/1.087	18.20/0.717	5/8-24UNEF	5/0.197*	14.4/0.567*	6.6/0.260*	16.0/0.630*	3.4/0.134*	12.8/0.504*	1.8/0.071*	11.2/0.441*
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	27.6/1.087	18.20/0.717	3/4-20UNEF	5/0.197*	14.4/0.567*	6.6/0.260*	16.0/0.630*	3.4/0.134*	12.8/0.504*	1.8/0.071*	11.2/0.441*
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	27.6/1.087	18.20/0.717	7/8-20UNEF	5/0.197*	14.4/0.567*	6.6/0.260*	16.0/0.630*	3.4/0.134*	12.8/0.504*	1.8/0.071*	11.2/0.441*
	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	33.8/1.331	23.05/0.907	7/8-20UNEF	5/0.197	15.8/0.622	6.6/0.260	17.4/0.685	3.4/0.134*	14.2/0.559*	1.8/0.071*	12.6/0.496*
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	33.8/1.331	23.05/0.907	1-20UNEF	5/0.197	15.8/0.622	6.6/0.260	17.4/0.685	3.4/0.134*	14.2/0.559*	1.8/0.071*	12.6/0.496*
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	33.8/1.331	23.05/0.907	1 1/8-18UNEF	5/0.197	15.8/0.622	6.6/0.260	17.4/0.685	3.4/0.134*	14.2/0.559*	1.8/0.071*	12.6/0.496*
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	33.8/1.331	23.05/0.907	1 1/4-18UNEF	5/0.197	15.8/0.622	6.6/0.260	17.4/0.685	3.4/0.134*	14.2/0.559*	1.8/0.071*	12.6/0.496*
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	35.8/1.409	23.05/0.907	1 3/8-18UNEF	5/0.197	17.8/0.699	6.6/0.260	19.4/0.762	3.4/0.134*	16.2/0.636*	1.8/0.071*	14.6/0.573*
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	35.8/1.409	24.05/0.947	1 5/8-18UNEF	5/0.197	16.7/0.657	6.6/0.260*	18.3/0.720*	3.4/0.134	15.1/0.594	1.8/0.071*	13.5/0.531*
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157	37.3/1.469	24.05/0.947	1 7/8-16UN	5/0.197*	18.3/0.720*	6.6/0.260*	19.9/0.783*	3.4/0.134	16.7/0.657	1.8/0.071*	15.1/0.594
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157	37.3/1.469	24.05/0.947	2 1/16-16UN	5/0.197*	18.3/0.720*	6.6/0.260*	19.9/0.783*	3.4/0.134	16.7/0.657	1.8/0.071*	15.1/0.594
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157	37.3/1.469	24.05/0.947	2 5/16-16UNS	5/0.197*	18.3/0.720*	6.6/0.260*	19.9/0.783*	3.4/0.134	16.7/0.657	1.8/0.071*	15.1/0.594

DIMENSIONS IN ITALIC ARE INCHES.

* CONSULT FACTORY

** ±0.020

WALL MOUNT RECEPTACLE, REAR PANEL MOUNT

038A*/038R*

MOUNTING HOLE OPTION

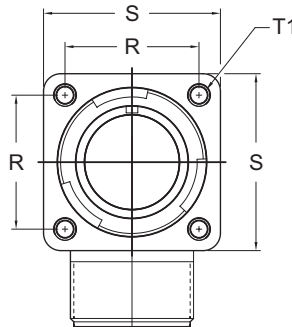


THREADED

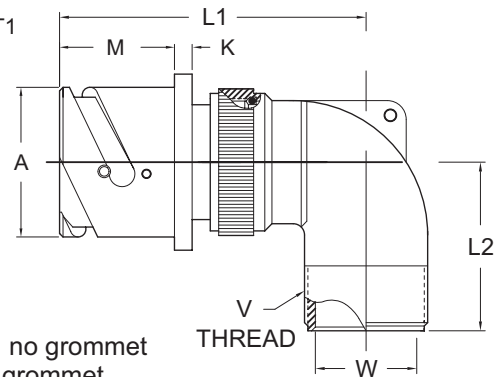
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

FRONT VIEW



SIDE VIEW



SCPB038A* Non-environmental, no grommet
SCPB038R* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW						
	R	S	T1	T2		A	K	L1	L2	M	V	W
	$\pm 0.1/\pm 0.004$	$\pm 0.3/\pm 0.012$	$+0.1/\pm 0.004$ $-0.0/-0.000$ STYLE FP	THREAD		$+0.00/\pm 0.000$ $-0.15/-0.006$	$\pm 0.2/\pm 0.008$	MAX	MAX	$+0.4/\pm 0.016$ $-0.0/-0.000$	THREAD CLASS 2A	MIN
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	45/1.772	30/1.181	18.20/0.717	5/8-24 UNEF	8.5/0.335
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	47/1.850	30/1.181	18.20/0.717	3/4-20 UNEF	12.0/0.472
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	48/1.890	30/1.181	18.20/0.717	7/8-20 UNEF	14.5/0.571
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	57/2.244	30/1.181	23.05/0.907	7/8-20 UNEF	14.5/0.571
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	58/2.283	35/1.378	23.05/0.907	1-20 UNEF	17.5/0.689
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	61/2.402	35/1.378	23.05/0.907	1 3/16-18 UNEF	19.5/0.768
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	61/2.402	35/1.378	23.05/0.907	1 3/16-18 UNEF	22.0/0.866
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	66/2.598	40/1.575	23.05/0.907	1 7/16-18 UNEF	25.0/0.984
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	66/2.598	40/1.575	24.05/0.947	1 7/16-18 UNEF	29.0/1.142
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157	72/2.835	45/1.772	24.05/0.947	1 3/4-18 UNS	34.0/1.339
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157	75/2.953	50/1.969	24.05/0.947	2-18 UNS	38.5/1.516
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157	78/3.071	55/2.165	24.05/0.947	2 1/4-16 UN	48.0/1.890

DIMENSIONS IN ITALIC ARE INCHES.

MOUNTING HOLE OPTION

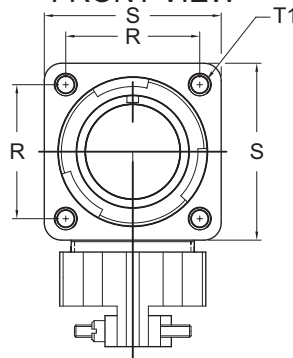


THREADED

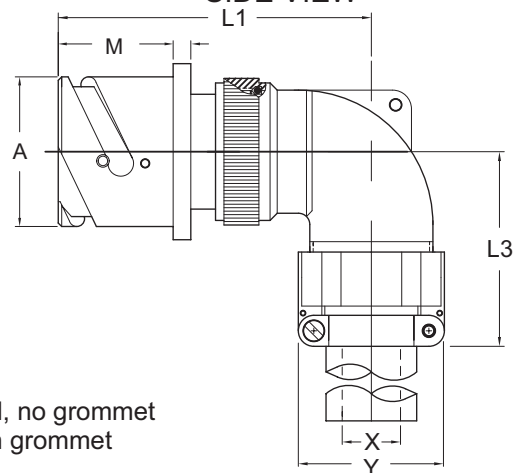
MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread

FRONT VIEW



SIDE VIEW



SCPB038AF* Non-environmental, no grommet
SCPB038F* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW						
	R	S	T1	T2		A	K	L1	L3	M	X	Y
	$\pm 0.1/\pm 0.004$	$\pm 0.3/\pm 0.012$	$+0.1/\pm 0.004$ $-0.0/-0.000$ STYLE FP	THREAD		$+0.00/\pm 0.000$ $-0.15/-0.006$	$\pm 0.2/\pm 0.008$	MAX	MAX	$+0.4/\pm 0.016$ $-0.0/-0.000$	MIN	MAX
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	45/1.772	42/1.654	18.20/0.717	6.5/0.256	22.7/0.894
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	47/1.850	42/1.654	18.20/0.717	9.0/0.354	27.5/1.083
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	48/1.890	45/1.772	18.20/0.717	11.0/0.433	30.0/1.181
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	57/2.244	45/1.772	23.05/0.907	11.0/0.433	30.0/1.181
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	58/2.283	53/2.087	23.05/0.907	14.2/0.559	32.2/1.268
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	61/2.402	53/2.087	23.05/0.907	15.8/0.622	37.5/1.476
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	61/2.402	53/2.087	23.05/0.907	15.8/0.622	37.5/1.476
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	66/2.598	58/2.283	23.05/0.907	21.4/0.843	43.3/1.705
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	66/2.598	58/2.283	24.05/0.947	21.4/0.843	43.3/1.705
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157	72/2.835	66/2.598	24.05/0.947	26.7/1.051	51.7/2.035
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157	75/2.953	69/2.717	24.05/0.947	31.7/1.248	58.0/2.283
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157	78/3.071	95/3.740	24.05/0.947	34.9/1.374	65.5/2.579

DIMENSIONS IN ITALIC ARE INCHES.

WALL MOUNT RECEPTACLE, REAR PANEL MOUNT

038CF*/038CFZ*

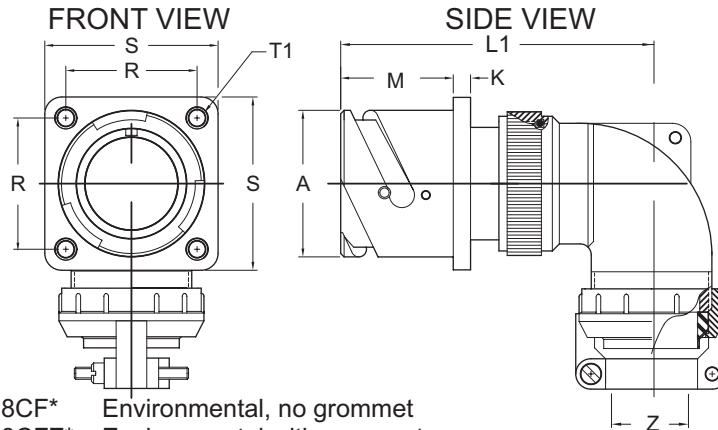
MOUNTING HOLE OPTION



THREADED

MOUNTING HOLE CODES

CODE	MOUNTING HOLE TYPE
FP	Thru holes
None	Metric thread - Standard
UN	UNC thread



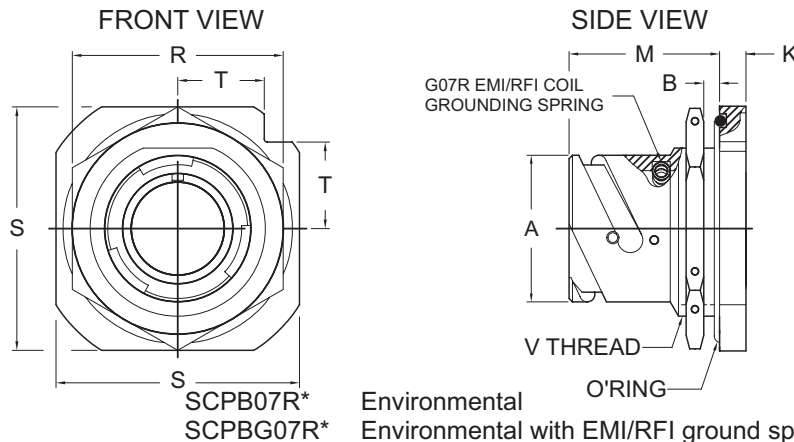
SCP038CF* Environmental, no grommet
SCP038CFZ* Environmental with grommet

SHELL SIZE	FRONT VIEW					SIDE VIEW					
	R	S	T1	T2		A	K	L1	M	Z	
	±0.1/ ±0.04	±0.3/ ±0.12	+0.1/ +0.04 -0.0/ -0.00 STYLE FP	METRIC	UNC	+0.00/ +0.00 -0.15/ -0.06	±0.2/ ±0.08	MAX	+0.4/ +0.16 -0.0/ -0.00	OPEN	CLOSED
10SL	18.2/0.717	25.4/1.000	3.2/0.126	M4	8-32UNC	18.2/0.717	2.8/0.110	45/ 1.772	18.20/0.717	7.93/ 0.312	2.38/0.094
14S	23.0/0.906	30.0/1.181	3.2/0.126	M4	8-32UNC	24.6/0.969	3.2/0.126	47/ 1.850	18.20/0.717	11.12/0.438	5.84/0.230
16S	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	48/ 1.890	18.20/0.717	13.48/0.531	8.0/ 0.315
16	24.6/0.969	32.5/1.280	3.2/0.126	M4	8-32UNC	27.4/1.079	3.2/0.126	57/ 2.244	23.05/0.907	13.48/0.531	8.0/ 0.315
18	27.0/1.063	35.0/1.378	3.2/0.126	M4	8-32UNC	30.8/1.213	4.0/0.157	58/ 2.283	23.05/0.907	15.87/0.625	9.6/ 0.378
20	29.4/1.157	38.0/1.496	3.2/0.126	M4	8-32UNC	34.2/1.346	4.0/0.157	61/ 2.402	23.05/0.907	19.00/0.748	11.3/0.445
22	31.8/1.252	41.0/1.614	3.2/0.126	M4	8-32UNC	37.4/1.472	4.0/0.157	61/ 2.402	23.05/0.907	19.00/0.748	11.3/0.445
24	34.9/1.374	44.5/1.752	3.7/0.146	M4	10-24UNC	40.9/1.610	4.0/0.157	66/ 2.598	23.05/0.907	23.80/0.937	15.5/0.610
28	39.7/1.563	50.8/2.000	3.7/0.146	M5	10-24UNC	46.7/1.839	4.0/0.157	66/ 2.598	24.05/0.947	23.80/0.937	15.5/0.610
32	44.5/1.752	57.0/2.244	4.3/0.169	M5	1/4-20UNC	53.4/2.102	4.0/0.157	72/ 2.835	24.05/0.947	31.75/1.250	23.4/0.921
36	49.2/1.937	63.5/2.500	4.3/0.169	M5	1/4-20UNC	59.6/2.346	4.0/0.157	75/ 2.953	24.05/0.947	35.00/1.378	23.4/0.921
40	55.5/2.185	69.9/2.752	4.3/0.169	M5	1/4-20UNC	65.5/2.579	4.0/0.157	78/ 3.071	24.05/0.947	41.25/1.624	29.9/1.177

DIMENSIONS IN ITALIC ARE INCHES.

JAM NUT RECEPTACLE

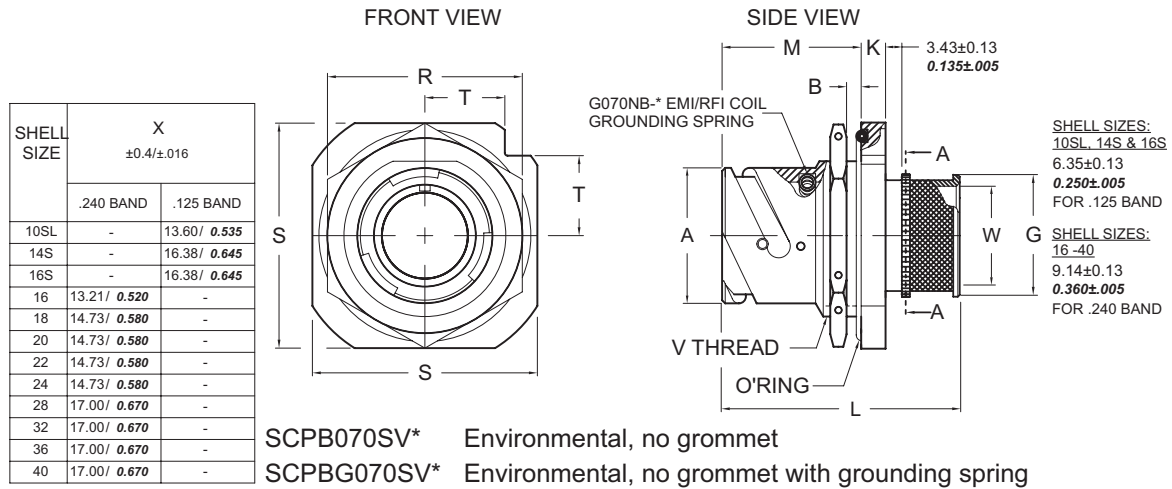
07R*/G07R*



SCP07R* Environmental
SCPBG07R* Environmental with EMI/RFI ground spring

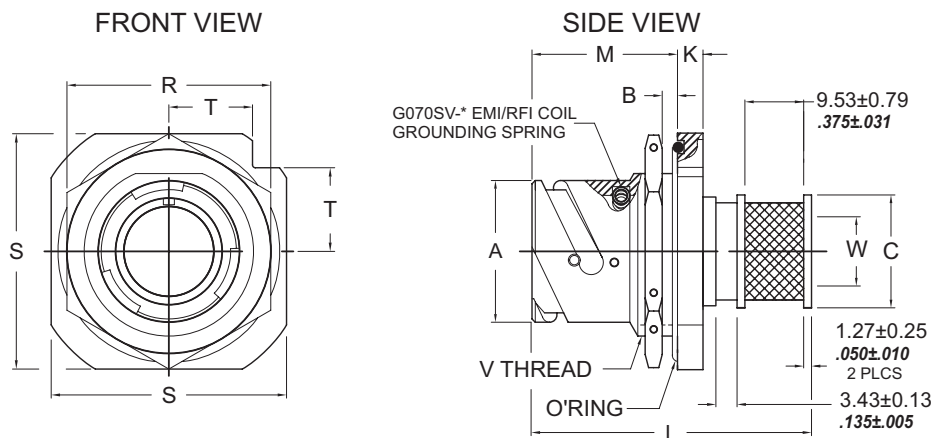
SHELL SIZE	FRONT VIEW			SIDE VIEW					
	R	S	T	A	B		K	M	V
	±0.4/ ±0.16	±0.3/ ±0.12	MAX.	+0.00/ +0.00 -0.15/ -0.06	PANEL THICKNESS		±0.2/ ±0.08	+0.4/ +0.16 -0.0/ -0.00	THREAD CLASS 2A
10SL	27.0/1.063	31.8/1.252	11.2/0.441	18.2/0.717	2.4/0.094	5.2/0.205	4.0/0.157	24.5/0.965	7/8-20 UNEF
14S	33.0/1.299	41.3/1.626	14.6/0.575	24.6/0.969	2.4/0.094	7.5/0.295	4.8/0.189	26.8/1.055	1 1/8-18 UNEF
16S	38.1/1.500	44.4/1.748	15.7/0.618	27.4/1.079	2.4/0.094	7.5/0.295	4.8/0.189	26.8/1.055	1 1/4-18 UNEF
16	38.1/1.500	44.4/1.748	15.7/0.618	27.4/1.079	2.4/0.094	7.5/0.295	4.8/0.189	32.1/1.264	1 1/4-18 UNEF
18	39.7/1.563	47.6/1.874	16.8/0.661	30.8/1.213	2.4/0.094	9.0/0.354	4.8/0.189	33.7/1.327	1 3/8-18 UNEF
20	44.0/1.732	50.8/2.000	18.0/0.709	34.2/1.346	2.4/0.094	9.0/0.354	4.8/0.189	33.7/1.327	1 1/2-18 UNEF
22	46.0/1.811	54.2/2.134	20.2/0.795	37.4/1.472	2.4/0.094	9.1/0.358	4.8/0.189	33.7/1.327	1 5/8-18 UNEF
24	50.8/2.000	57.2/2.252	20.2/0.795	40.9/1.610	2.4/0.094	9.1/0.358	4.8/0.189	35.2/1.386	1 3/4-18 UNEF
28	55.0/2.165	63.5/2.500	22.5/0.886	46.7/1.839	2.4/0.094	8.5/0.335	5.6/0.220	35.2/1.386	2-18 UNS
32	62.0/2.441	69.8/2.748	24.7/0.972	53.4/2.102	2.4/0.094	6.5/0.256	5.6/0.220	35.2/1.386	2 1/4-16 UN
36	71.0/2.795	76.2/3.000	26.9/1.059	59.6/2.346	2.4/0.094	8.3/0.327	5.6/0.220	35.2/1.386	2 1/2-16 UN
40	75.0/2.953	83.5/3.287	29.6/1.165	65.5/2.579	2.4/0.094	8.3/0.327	5.6/0.220	35.2/1.386	2 3/4-16 UN

DIMENSIONS IN ITALIC ARE INCHES.



SHELL SIZE	FRONT VIEW			SIDE VIEW									
	R	S	T	A	B		G	K	L	M	V	W	
	±0.4/±.016	±0.3/±.012	MAX.	+0.00/+0.000 -0.15/-0.006	PANEL THICKNESS		MAX.	±0.2/±.008	MAX.	+0.4/+0.016 -0.0/-0.000	THREAD CLASS 2A	MIN.	
					MIN.	MAX.							
10SL	27.0/1.063	31.8/1.252	11.2/0.441	18.2/0.717	2.4/0.094	5.2/0.205	16.1/0.632	4.0/0.157	41.3/1.625	24.5/0.965	7/8-20 UNEF	12.1/0.475	
14S	33.0/1.299	41.3/1.626	14.6/0.575	24.6/0.969	2.4/0.094	7.5/0.295	19.2/0.755	4.8/0.189	44.1/1.735	26.8/1.055	1 1/8-18 UNEF	15.4/0.605	
16S	38.1/1.500	44.4/1.748	15.7/0.618	27.4/1.079	2.4/0.094	7.5/0.295	22.4/0.880	4.8/0.189	44.1/1.735	26.8/1.055	1 1/4-18 UNEF	18.7/0.735	
16	38.1/1.500	44.4/1.748	15.7/0.618	27.4/1.079	2.4/0.094	7.5/0.295	22.4/0.880	4.8/0.189	52.3/2.060	32.1/1.264	1 1/4-18 UNEF	18.7/0.735	
18	39.7/1.563	47.6/1.874	16.8/0.661	30.8/1.213	2.4/0.094	9.0/0.354	25.5/1.005	4.8/0.189	53.8/2.120	33.7/1.327	1 3/8-18 UNEF	21.9/0.860	
20	44.0/1.732	50.8/2.000	18.0/0.709	34.2/1.346	2.4/0.094	9.0/0.354	28.7/1.130	4.8/0.189	53.8/2.120	33.7/1.327	1 1/2-18 UNEF	24.8/0.975	
22	46.0/1.811	57.2/2.252	20.2/0.795	37.4/1.472	2.4/0.094	9.1/0.358	31.9/1.255	4.8/0.189	53.8/2.120	33.7/1.327	1 5/8-18 UNEF	28.1/1.105	
24	50.8/2.000	57.2/2.252	20.2/0.795	40.9/1.610	2.4/0.094	9.1/0.358	35.1/1.380	4.8/0.189	53.8/2.120	33.7/1.327	1 3/4-18 UNEF	31.2/1.230	
28	55.0/2.165	63.5/2.500	22.5/0.886	46.7/1.839	2.4/0.094	8.5/0.335	41.4/1.630	5.6/0.220	56.1/2.210	35.2/1.386	2-18 UNS	35.9/1.415	
32	62.0/2.441	69.8/2.748	24.7/0.972	53.4/2.102	2.4/0.094	6.5/0.256	47.8/1.880	5.6/0.220	56.1/2.210	35.2/1.386	2 1/4-16 UN	43.1/1.695	
36	71.0/2.795	76.2/3.000	26.9/1.059	59.6/2.346	2.4/0.094	8.3/0.327	52.5/2.067	5.6/0.220	56.1/2.210	35.2/1.386	2 1/2-16 UN	48.0/1.890	
40	75.0/2.953	83.5/3.287	29.6/1.165	65.5/2.579	2.4/0.094	8.3/0.327	58.9/2.317	5.6/0.220	56.1/2.210	35.2/1.386	2 3/4-16 UN	53.8/2.120	

DIMENSIONS IN ITALIC ARE INCHES.

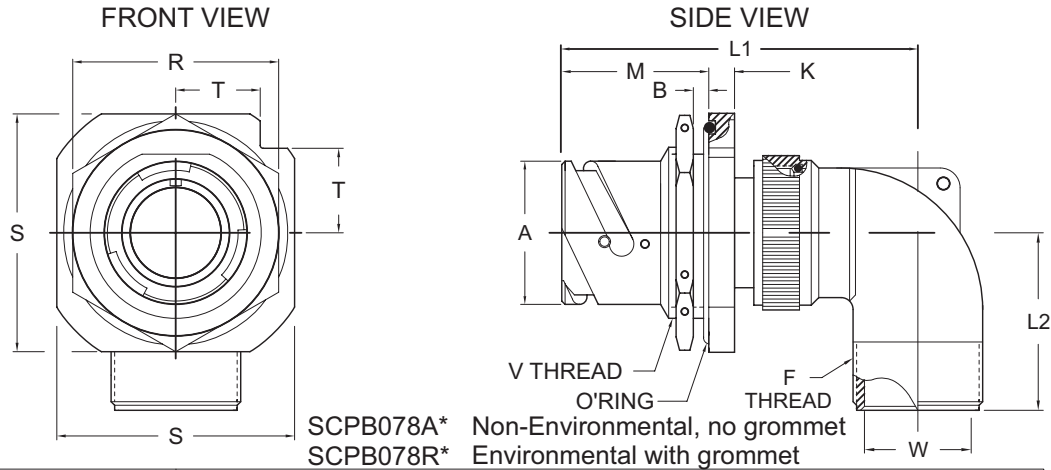


SHELL SIZE	FRONT VIEW			SIDE VIEW									
	R	S	T	A	B		C	K	L	M	V	W	
	±0.4/±.016	±0.3/±.012	MAX.	+0.00/+0.000 -0.15/-0.006	PANEL THICKNESS		MAX.	±0.2/±.008	MAX.	+0.4/+0.016 -0.0/-0.000	THREAD CLASS 2A	MIN.	
					MIN.	MAX.							
10SL	27.0/1.063	31.8/1.252	11.2/0.441	18.2/0.717	2.4/0.094	5.2/0.205	16.1/0.632	4.0/0.157	41.3/1.625	24.5/0.965	7/8-20 UNEF	12.1/0.475	
14S	33.0/1.299	41.3/1.626	14.6/0.575	24.6/0.969	2.4/0.094	7.5/0.295	19.2/0.755	4.8/0.189	44.1/1.735	26.8/1.055	1 1/8-18 UNEF	15.4/0.605	
16S	38.1/1.500	44.4/1.748	15.7/0.618	27.4/1.079	2.4/0.094	7.5/0.295	22.4/0.880	4.8/0.189	44.1/1.735	26.8/1.055	1 1/4-18 UNEF	18.7/0.735	
16	38.1/1.500	44.4/1.748	15.7/0.618	27.4/1.079	2.4/0.094	7.5/0.295	22.4/0.880	4.8/0.189	52.3/2.060	32.1/1.264	1 1/4-18 UNEF	18.7/0.735	
18	39.7/1.563	47.6/1.874	16.8/0.661	30.8/1.213	2.4/0.094	9.0/0.354	25.5/1.005	4.8/0.189	53.8/2.120	33.7/1.327	1 3/8-18 UNEF	21.9/0.860	
20	44.0/1.732	50.8/2.000	18.0/0.709	34.2/1.346	2.4/0.094	9.0/0.354	28.7/1.130	4.8/0.189	53.8/2.120	33.7/1.327	1 1/2-18 UNEF	24.8/0.975	
22	46.0/1.811	57.2/2.252	20.2/0.795	37.4/1.472	2.4/0.094	9.1/0.358	31.9/1.255	4.8/0.189	53.8/2.120	33.7/1.327	1 5/8-18 UNEF	28.1/1.105	
24	50.8/2.000	57.2/2.252	20.2/0.795	40.9/1.610	2.4/0.094	9.1/0.358	35.1/1.380	4.8/0.189	53.8/2.120	33.7/1.327	1 3/4-18 UNEF	31.2/1.230	
28	55.0/2.165	63.5/2.500	22.5/0.886	46.7/1.839	2.4/0.094	8.5/0.335	41.4/1.630	5.6/0.220	56.1/2.210	35.2/1.386	2-18 UNS	35.9/1.415	
32	62.0/2.441	69.8/2.748	24.7/0.972	53.4/2.102	2.4/0.094	6.5/0.256	47.8/1.880	5.6/0.220	56.1/2.210	35.2/1.386	2 1/4-16 UN	43.1/1.695	
36	71.0/2.795	76.2/3.000	26.9/1.059	59.6/2.346	2.4/0.094	8.3/0.327	52.5/2.067	5.6/0.220	56.1/2.210	35.2/1.386	2 1/2-16 UN	48.0/1.890	
40	75.0/2.953	83.5/3.287	29.6/1.165	65.5/2.579	2.4/0.094	8.3/0.327	58.9/2.317	5.6/0.220	56.1/2.210	35.2/1.386	2 3/4-16 UN	53.8/2.120	

DIMENSIONS IN ITALIC ARE INCHES.

90° JAM NUT RECEPTACLE

078A*/078R*

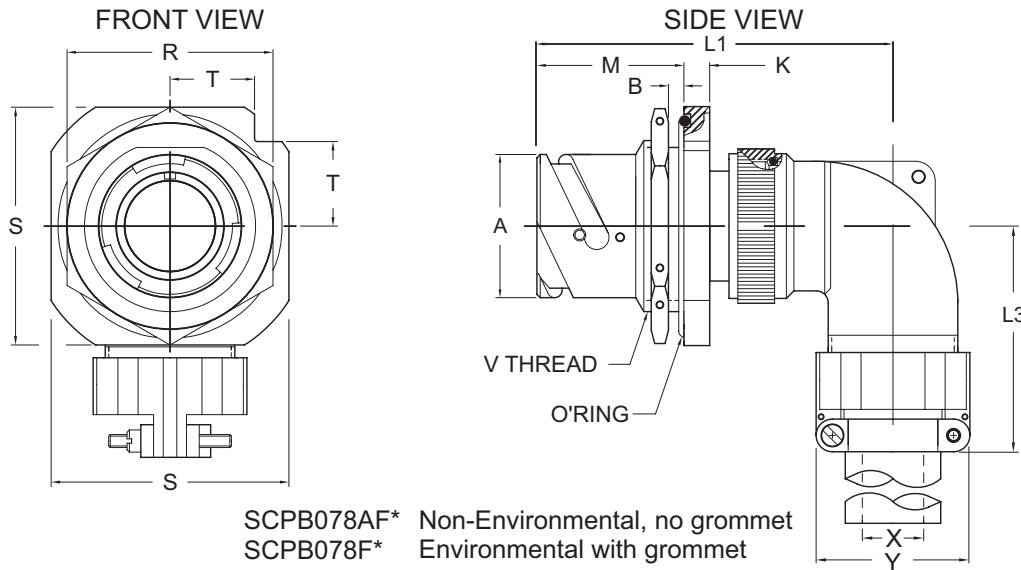


SCP078A* Non-Environmental, no grommet
SCP078R* Environmental with grommet

SHELL SIZE	FRONT VIEW			SIDE VIEW									
	R	S	T	A	B		F	K	L1	L2	M	V	W
	±0.4/±0.016	±0.3/±0.012	MAX.	+0.00/+0.000 -0.15/-0.006	PANEL THICKNESS		THREAD CLASS 2A	±0.2/±0.008	MAX.	MAX.	+0.4/+0.016 -0.0/-0.000	THREAD CLASS 2A	MIN
					MIN.	MAX.							
10SL	27.0/1.063	31.8/1.252	11.2/0.441	18.2/0.717	2.4/0.094	5.2/0.205	5/8-24 UNEF	4.0/0.157	50.0/1.968	25.0/.984	24.5/0.965	7/8-20 UNEF	8.5/0.335
14S	33.0/1.299	41.3/1.626	14.6/0.575	24.6/0.969	2.4/0.094	7.5/0.295	3/4-20 UNEF	4.8/0.189	55.0/2.165	26.8/1.043	26.8/1.055	1 1/8-18 UNEF	12.0/0.472
16S	38.1/1.500	44.4/1.748	15.7/0.618	27.4/1.079	2.4/0.094	7.5/0.295	7/8-20 UNEF	4.8/0.189	58.0/2.283	27.0/1.063	26.8/1.055	1 1/4-18 UNEF	14.5/0.571
16	38.1/1.500	44.4/1.748	15.7/0.618	27.4/1.079	2.4/0.094	7.5/0.295	7/8-20 UNEF	4.8/0.189	68.0/2.677	27.0/1.063	32.1/1.264	1 1/4-18 UNEF	14.5/0.571
18	39.7/1.563	47.6/1.874	16.8/0.661	30.8/1.213	2.4/0.094	9.0/0.354	1-20 UNEF	4.8/0.189	70.0/2.756	30.0/1.181	33.7/1.327	1 3/8-18 UNEF	17.5/0.689
20	44.0/1.732	50.8/2.000	18.0/0.709	34.2/1.346	2.4/0.094	9.0/0.354	1 3/16-18 UNEF	4.8/0.189	75.0/2.953	32.0/1.260	33.7/1.327	1 1/2-18 UNEF	19.5/0.768
22	46.0/1.811	57.2/2.252	20.2/0.795	37.4/1.472	2.4/0.094	9.1/0.358	1 3/16-18 UNEF	4.8/0.189	75.0/2.953	32.0/1.260	33.7/1.327	1 5/8-18 UNEF	22.0/0.866
24	50.8/2.000	57.2/2.252	20.2/0.795	40.9/1.610	2.4/0.094	9.1/0.358	1 7/16-18 UNEF	4.8/0.189	79.0/3.110	37.0/1.457	33.7/1.327	1 3/4-18 UNEF	25.0/0.984
28	55.0/2.165	63.5/2.500	22.5/0.886	46.7/1.839	2.4/0.094	8.5/0.335	1 7/16-18 UNEF	5.6/0.220	81.0/3.189	38.0/1.496	35.2/1.386	2-18 UNS	29.0/1.142
32	62.0/2.441	69.8/2.748	24.7/0.972	53.4/2.102	2.4/0.094	6.5/0.256	1 3/4-18 UNS	5.6/0.220	85.0/3.346	45.5/1.791	35.2/1.386	2 1/4-16 UN	34.0/1.339
36	71.0/2.795	76.2/3.000	26.9/1.059	59.6/2.346	2.4/0.094	8.3/0.327	2-18 UNS	5.6/0.220	88.0/3.465	47.2/1.858	35.2/1.386	2 1/2-16 UN	38.5/1.516
40	75.0/2.953	83.5/3.287	29.6/1.165	65.5/2.579	2.4/0.094	8.3/0.327	2 1/4-16 UN	5.6/0.220	91.0/3.583	52.0/2.047	35.2/1.386	2 3/4-16 UN	48.0/1.890

DIMENSIONS IN ITALIC ARE INCHES.

078AF*/078F*



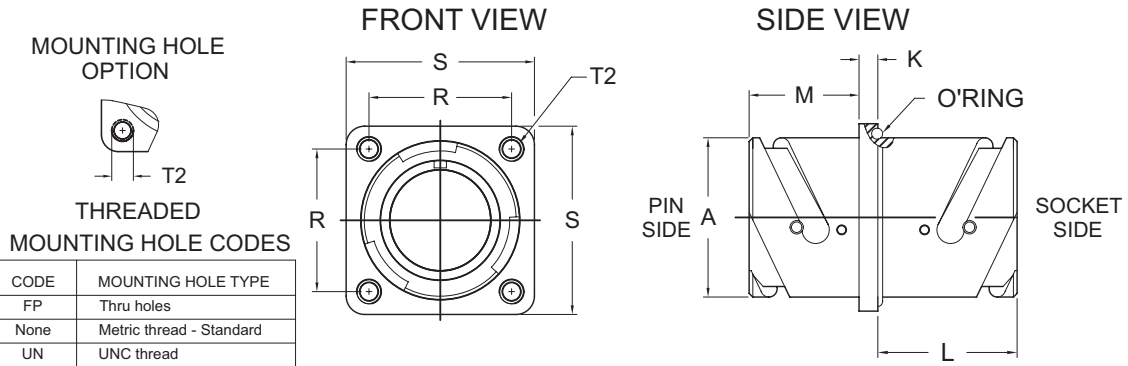
SCP078AF* Non-Environmental, no grommet
SCP078F* Environmental with grommet

SHELL SIZE	FRONT VIEW			SIDE VIEW									
	R	S	T	A	B		K	L1	L3	M	V	X	Y
	±0.4/±0.016	±0.3/±0.012	MAX.	+0.00/+0.000 -0.15/-0.006	PANEL THICKNESS		±0.2/±0.008	MAX	MAX	+0.4/+0.016 -0.0/-0.000	THREAD CLASS 2A	MIN	MAX
					MIN.	MAX.							
10SL	27.0/1.063	31.8/1.252	11.2/0.441	18.2/0.717	2.4/0.094	5.2/0.205	4.0/0.157	45/1.772	42/1.654	24.5/0.965	7/8-20 UNEF	6.5/0.256	22.7/0.894
14S	33.0/1.299	41.3/1.626	14.6/0.575	24.6/0.969	2.4/0.094	7.5/0.295	4.8/0.189	47/1.850	42/1.654	26.8/1.055	1 1/8-18 UNEF	9.0/0.354	27.5/1.083
16S	38.1/1.500	44.4/1.748	15.7/0.618	27.4/1.079	2.4/0.094	7.5/0.295	4.8/0.189	48/1.890	45/1.772	26.8/1.055	1 1/4-18 UNEF	11.0/0.433	30.0/1.181
16	38.1/1.500	44.4/1.748	15.7/0.618	27.4/1.079	2.4/0.094	7.5/0.295	4.8/0.189	57/2.244	45/1.772	32.1/1.264	1 1/4-18 UNEF	11.0/0.433	30.0/1.181
18	39.7/1.563	47.6/1.874	16.8/0.661	30.8/1.213	2.4/0.094	9.0/0.354	4.8/0.189	58/2.283	53/2.087	33.7/1.327	1 3/8-18 UNEF	14.2/0.559	32.2/1.268
20	44.0/1.732	50.8/2.000	18.0/0.709	34.2/1.346	2.4/0.094	9.0/0.354	4.8/0.189	61/2.402	53/2.087	33.7/1.327	1 1/2-18 UNEF	15.8/0.622	37.5/1.476
22	46.0/1.811	57.2/2.252	20.2/0.795	37.4/1.472	2.4/0.094	9.1/0.358	4.8/0.189	61/2.402	53/2.087	33.7/1.327	1 5/8-18 UNEF	15.8/0.622	37.5/1.476
24	50.8/2.000	57.2/2.252	20.2/0.795	40.9/1.610	2.4/0.094	9.1/0.358	4.8/0.189	66/2.598	58/2.283	33.7/1.327	1 3/4-18 UNEF	21.4/0.843	43.3/1.705
28	55.0/2.165	63.5/2.500	22.5/0.886	46.7/1.839	2.4/0.094	8.5/0.335	5.6/0.220	66/2.598	58/2.283	35.2/1.386	2-18 UNS	21.4/0.843	43.3/1.705
32	62.0/2.441	69.8/2.748	24.7/0.972	53.4/2.102	2.4/0.094	6.5/0.256	5.6/0.220	72/2.835	66/2.598	35.2/1.386	2 1/4-16 UN	26.7/1.051	51.7/2.035
36	71.0/2.795	76.2/3.000	26.9/1.059	59.6/2.346	2.4/0.094	8.3/0.327	5.6/0.220	75/2.953	69/2.717	35.2/1.386	2 1/2-16 UN	31.7/1.248	58.0/2.283
40	75.0/2.953	83.5/3.287	29.6/1.165	65.5/2.579	2.4/0.094	8.3/0.327	5.6/0.220	78/3.071	95/3.740	35.2/1.386	2 3/4-16 UN	34.9/1.374	65.5/2.579

DIMENSIONS IN ITALIC ARE INCHES.

THRU BULKHEAD RECEPTACLE

TB*



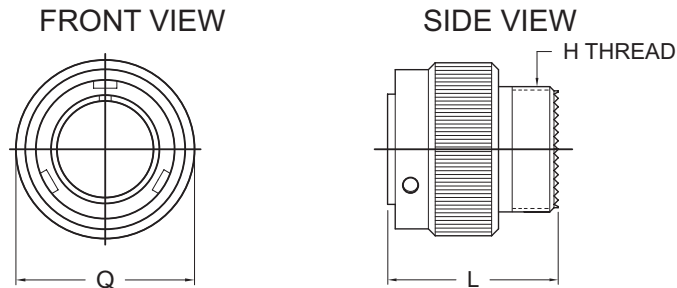
SCPBTB* Environmental

SHELL SIZE	FRONT VIEW						SIDE VIEW			
	R	S	T1	T2		A	K	L	M	
	$\pm 0.1 / \pm 0.04$	$\pm 0.3 / \pm 0.12$	$+0.1 / +0.04$ $-0.0 / -0.00$	THREAD		$+0.00 / +0.00$ $-0.15 / -0.06$	$\pm 0.2 / \pm 0.08$	MAX	$+0.4 / +0.16$ $-0.0 / -0.00$	
				METRIC	UNC					
10SL	18.2 / <i>0.717</i>	25.4 / <i>1.000</i>	3.2 / <i>0.126</i>	M4	8-32UNC	18.2 / <i>0.717</i>	2.8 / <i>0.110</i>	20.5 / <i>0.807</i>	14.2 / <i>0.559</i>	
14S	23.0 / <i>0.906</i>	30.0 / <i>1.181</i>	3.2 / <i>0.126</i>	M4	8-32UNC	24.6 / <i>0.969</i>	3.2 / <i>0.126</i>	20.1 / <i>0.791</i>	14.2 / <i>0.559</i>	
16S	24.6 / <i>0.969</i>	32.5 / <i>1.280</i>	3.2 / <i>0.126</i>	M4	8-32UNC	27.4 / <i>1.079</i>	3.2 / <i>0.126</i>	20.1 / <i>0.791</i>	14.2 / <i>0.559</i>	
16	24.6 / <i>0.969</i>	32.5 / <i>1.280</i>	3.2 / <i>0.126</i>	M4	8-32UNC	27.4 / <i>1.079</i>	3.2 / <i>0.126</i>	29.2 / <i>1.150</i>	19.0 / <i>0.748</i>	
18	27.0 / <i>1.063</i>	35.0 / <i>1.378</i>	3.2 / <i>0.126</i>	M4	8-32UNC	30.8 / <i>1.213</i>	4.0 / <i>0.157</i>	28.4 / <i>1.118</i>	19.0 / <i>0.748</i>	
20	29.4 / <i>1.157</i>	38.0 / <i>1.496</i>	3.2 / <i>0.126</i>	M4	8-32UNC	34.2 / <i>1.346</i>	4.0 / <i>0.157</i>	28.4 / <i>1.118</i>	19.0 / <i>0.748</i>	
22	31.8 / <i>1.252</i>	41.0 / <i>1.614</i>	3.2 / <i>0.126</i>	M4	8-32UNC	37.4 / <i>1.472</i>	4.0 / <i>0.157</i>	28.4 / <i>1.118</i>	19.0 / <i>0.748</i>	
24	34.9 / <i>1.374</i>	44.5 / <i>1.752</i>	3.7 / <i>0.146</i>	M4	10-24UNC	40.9 / <i>1.610</i>	4.0 / <i>0.157</i>	26.8 / <i>1.055</i>	20.6 / <i>0.811</i>	
28	39.7 / <i>1.563</i>	50.8 / <i>2.000</i>	3.7 / <i>0.146</i>	M5	10-24UNC	46.7 / <i>1.839</i>	4.0 / <i>0.157</i>	26.8 / <i>1.055</i>	20.6 / <i>0.811</i>	
32	44.5 / <i>1.752</i>	57.0 / <i>2.244</i>	4.3 / <i>0.169</i>	M5	1/4-20UNC	53.4 / <i>2.102</i>	4.0 / <i>0.157</i>	25.2 / <i>0.992</i>	22.2 / <i>0.874</i>	
36	49.2 / <i>1.937</i>	63.5 / <i>2.500</i>	4.3 / <i>0.169</i>	M5	1/4-20UNC	59.6 / <i>2.346</i>	4.0 / <i>0.157</i>	25.2 / <i>0.992</i>	22.2 / <i>0.874</i>	
40	55.5 / <i>2.185</i>	69.8 / <i>2.748</i>	4.3 / <i>0.169</i>	M5	1/4-20UNC	65.5 / <i>2.579</i>	4.0 / <i>0.157</i>	25.2 / <i>0.992</i>	22.2 / <i>0.874</i>	

DIMENSIONS IN ITALIC ARE INCHES.

STRAIGHT PLUG

06-*



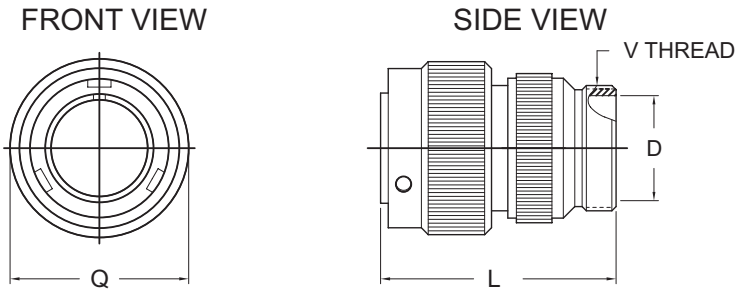
SCPB06-* Non-environmental

SHELL SIZE	FRONT VIEW	SIDE VIEW	
	Q MAX	H THREAD CLASS 2A	L $\pm 0.3 / \pm 0.12$
10SL	22.8 / <i>0.898</i>	5/8-24 UNEF	24.7 / <i>0.972</i>
14S	29.2 / <i>1.150</i>	3/4-20 UNEF	24.7 / <i>0.972</i>
16S	33.0 / <i>1.299</i>	7/8-20 UNEF	24.7 / <i>0.972</i>
16	33.0 / <i>1.299</i>	7/8-20 UNEF	33.8 / <i>1.331</i>
18	36.5 / <i>1.437</i>	1-20 UNEF	33.8 / <i>1.331</i>
20	39.9 / <i>1.571</i>	1 1/8-18 UNEF	33.8 / <i>1.331</i>
22	43.1 / <i>1.697</i>	1 1/4-18 UNEF	33.8 / <i>1.331</i>
24	46.6 / <i>1.835</i>	1 3/8-18 UNEF	35.7 / <i>1.406</i>
28	53.4 / <i>2.102</i>	1 5/8-18 UNEF	35.7 / <i>1.406</i>
32	60.1 / <i>2.366</i>	1 7/8-16 UN	37.3 / <i>1.469</i>
36	66.3 / <i>2.610</i>	2 1/16-16 UN	37.3 / <i>1.469</i>
40	72.4 / <i>2.850</i>	2 5/16-16 UNS	37.3 / <i>1.469</i>

DIMENSIONS IN ITALIC ARE INCHES.

STRAIGHT PLUG

06A*/06R*

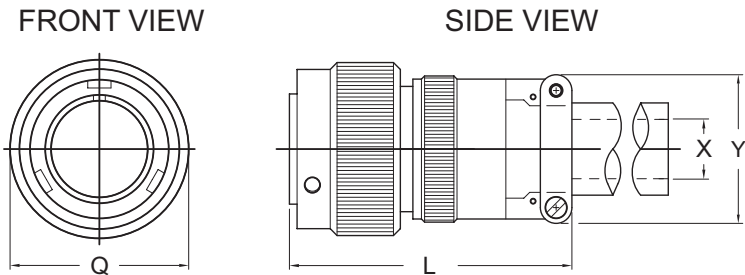


SCP06A* Non-environmental, no grommet
SCP06R* Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW		
	Q MAX	D MIN.	L MAX.	V THREAD CLASS 2A
10SL	22.8 / <i>0.898</i>	8.2/ <i>0.323</i>	47/ <i>1.850</i>	5/8-24 UNEF
14S	29.2 / <i>1.150</i>	11.1/ <i>0.437</i>	47/ <i>1.850</i>	3/4-20 UNEF
16S	33.0 / <i>1.299</i>	14.3/ <i>0.563</i>	47/ <i>1.850</i>	7/8-20 UNEF
16	33.0 / <i>1.299</i>	14.3/ <i>0.563</i>	58/ <i>2.283</i>	7/8-20 UNEF
18	36.5 / <i>1.437</i>	16.7/ <i>0.657</i>	58/ <i>2.283</i>	1-20 UNEF
20	39.9 / <i>1.571</i>	19.8/ <i>0.780</i>	58/ <i>2.283</i>	1 3/16-18 UNEF
22	43.1 / <i>1.697</i>	19.8/ <i>0.780</i>	59/ <i>2.323</i>	1 3/16-18 UNEF
24	46.6 / <i>1.835</i>	25.4/ <i>1.000</i>	61/ <i>2.402</i>	1 7/16-18 UNEF
28	53.4 / <i>2.102</i>	27.0/ <i>1.063</i>	67/ <i>2.638</i>	1 7/16-18 UNEF
32	60.1 / <i>2.366</i>	32.5/ <i>1.280</i>	71/ <i>2.795</i>	1 3/4-18 UNS
36	66.3 / <i>2.610</i>	35.7/ <i>1.406</i>	71/ <i>2.795</i>	2-18 UNS
40	72.4 / <i>2.850</i>	45.0/ <i>1.772</i>	86/ <i>3.386</i>	2 1/4-16 UN

DIMENSIONS IN ITALIC ARE INCHES.

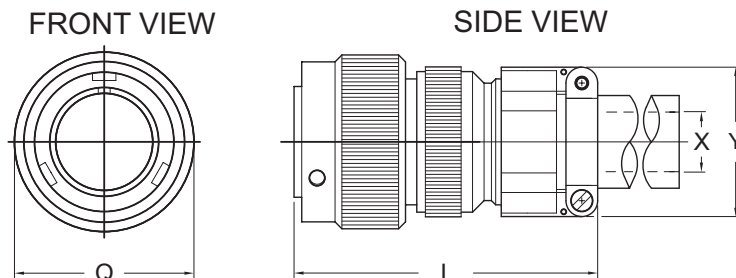
06AE*/06E*



SCP06AE* Non-environmental, no grommet
SCP06E* Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW		
	Q MAX	L MAX	X MIN	Y MAX
10SL	22.8 / <i>0.898</i>	64/ <i>2.520</i>	6.5/ <i>0.256</i>	22.7/ <i>0.894</i>
14S	29.2 / <i>1.150</i>	69/ <i>2.717</i>	9.0/ <i>0.354</i>	27.5/ <i>1.083</i>
16S	33.0 / <i>1.299</i>	71/ <i>2.795</i>	11.0/ <i>0.433</i>	30.0/ <i>1.181</i>
16	33.0 / <i>1.299</i>	82/ <i>3.228</i>	11.0/ <i>0.433</i>	30.0/ <i>1.181</i>
18	36.5 / <i>1.437</i>	82/ <i>3.228</i>	14.2/ <i>0.559</i>	32.2/ <i>1.268</i>
20	39.9 / <i>1.571</i>	82/ <i>3.228</i>	15.8/ <i>0.622</i>	37.5/ <i>1.476</i>
22	43.1 / <i>1.697</i>	83/ <i>3.268</i>	15.8/ <i>0.622</i>	37.5/ <i>1.476</i>
24	46.6 / <i>1.835</i>	87/ <i>3.425</i>	21.4/ <i>0.843</i>	43.3/ <i>1.705</i>
28	53.4 / <i>2.102</i>	93/ <i>3.661</i>	21.4/ <i>0.843</i>	43.3/ <i>1.705</i>
32	60.1 / <i>2.366</i>	99/ <i>3.898</i>	26.7/ <i>1.051</i>	51.7/ <i>2.035</i>
36	66.3 / <i>2.610</i>	100/ <i>3.937</i>	31.7/ <i>1.248</i>	58.0/ <i>2.283</i>
40	72.4 / <i>2.850</i>	128/ <i>5.039</i>	34.9/ <i>1.374</i>	65.5/ <i>2.579</i>

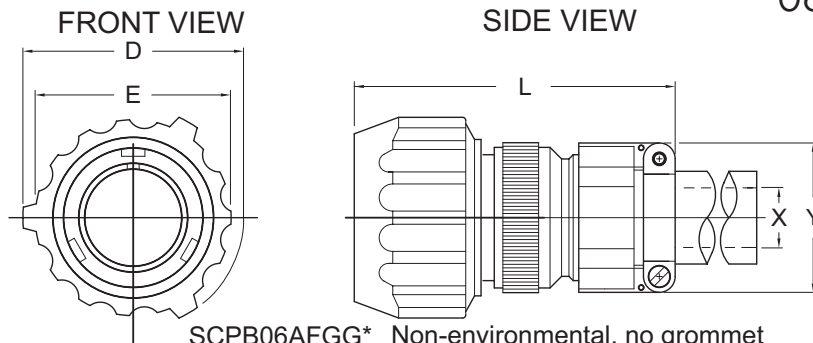
DIMENSIONS IN ITALIC ARE INCHES.



SCP06AF* Non-environmental, no grommet
SCP06F* Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW			
	Q MAX	L MAX	X MIN	Y MAX	
10SL	22.8 / 0.898	64 / 2.520	6.5 / 0.256	22.7 / 0.894	
14S	29.2 / 1.150	69 / 2.717	9.0 / 0.354	27.5 / 1.083	
16S	33.0 / 1.299	71 / 2.795	11.0 / 0.433	30.0 / 1.181	
16	33.0 / 1.299	82 / 3.228	11.0 / 0.433	30.0 / 1.181	
18	36.5 / 1.437	82 / 3.228	14.2 / 0.559	32.2 / 1.268	
20	39.9 / 1.571	82 / 3.228	15.8 / 0.622	37.5 / 1.476	
22	43.1 / 1.697	83 / 3.268	15.8 / 0.622	37.5 / 1.476	
24	46.6 / 1.835	87 / 3.425	21.4 / 0.843	43.3 / 1.705	
28	53.4 / 2.102	93 / 3.661	21.4 / 0.843	43.3 / 1.705	
32	60.1 / 2.366	99 / 3.898	26.7 / 1.051	51.7 / 2.035	
36	66.3 / 2.610	100 / 3.937	31.7 / 1.248	58.0 / 2.283	
40	72.4 / 2.850	128 / 5.039	34.9 / 1.374	65.5 / 2.579	

DIMENSIONS IN ITALIC ARE INCHES.



SCP06AFFG* Non-environmental, no grommet
SCP06FGG* Environmental with grommet

SHELL SIZE	FRONT VIEW		SIDE VIEW		
	D DIA.	E DIA.	L MAX	X MIN	Y MAX
10SL	33.5 / 1.319	28.5 / 1.122	67.6 / 2.660	6.5 / 0.256	22.7 / 0.894
14S	40.2 / 1.583	32.5 / 1.280	72.6 / 2.857	9.0 / 0.354	27.5 / 1.083
16S	* / *	* / *	74.6 / 2.935	11.0 / 0.433	30.0 / 1.181
16	* / *	* / *	85.5 / 3.368	11.0 / 0.433	30.0 / 1.181
18	49.0 / 1.929	43.5 / 1.713	85.5 / 3.368	14.2 / 0.559	32.2 / 1.268
20	51.5 / 2.028	46.0 / 1.811	85.5 / 3.368	15.8 / 0.622	37.5 / 1.476
22	56.5 / 2.224	50.5 / 1.988	86.6 / 3.408	15.8 / 0.622	37.5 / 1.476
24	60.0 / 2.362	54.0 / 2.126	90.6 / 3.565	21.4 / 0.843	43.3 / 1.705
28	67.0 / 2.638	61.0 / 2.402	96.5 / 3.801	21.4 / 0.843	43.3 / 1.705
32	76.0 / 2.992	67.6 / 2.661	102.6 / 4.038	26.7 / 1.051	51.7 / 2.035
36	82.3 / 3.240	74.3 / 2.925	103.6 / 4.007	31.7 / 1.248	58.0 / 2.283
40	88.0 / 3.465	80.0 / 3.150	131.5 / 5.179	34.9 / 1.374	65.5 / 2.579

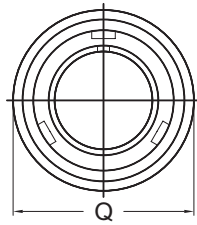
DIMENSIONS IN ITALIC ARE INCHES.

* CONSULT FACTORY FOR DIMENSIONS.

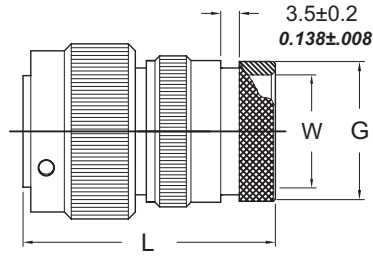
STRAIGHT PLUG

06AG*/06G*

FRONT VIEW



SIDE VIEW



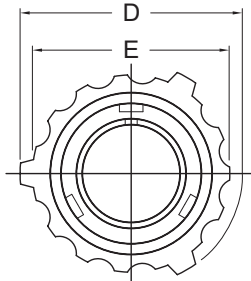
SCPB06AG* Environmental, no grommet
SCPB06G* Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW		
	Q MAX	G $\pm 0.2 / \pm .008$	L MAX	W MIN
10SL	22.8 / 0.898	15.5 / 0.610	48 / 1.890	8.5 / 0.335
14S	29.2 / 1.150	19.1 / 0.752	48 / 1.890	12.0 / 0.472
16S	33.0 / 1.299	23.9 / 0.941	48 / 1.890	14.5 / 0.571
16	33.0 / 1.299	23.9 / 0.941	60 / 2.362	14.5 / 0.571
18	36.5 / 1.437	23.9 / 0.941	60 / 2.362	17.5 / 0.689
20	39.9 / 1.571	29.6 / 1.165	65 / 2.559	19.5 / 0.768
22	43.1 / 1.697	29.6 / 1.165	65 / 2.559	22.0 / 0.866
24	46.6 / 1.835	37.8 / 1.488	65 / 2.559	25.0 / 0.984
28	53.4 / 2.102	37.8 / 1.488	65 / 2.559	29.0 / 1.142
32	60.1 / 2.366	47.8 / 1.882	70 / 2.756	34.0 / 1.339
36	66.3 / 2.610	47.8 / 1.882	75 / 2.953	38.5 / 1.516
40	72.4 / 2.850	52.4 / 2.063	77 / 3.031	48.0 / 1.890

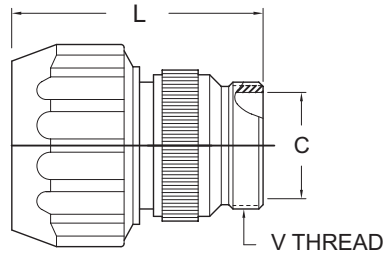
DIMENSIONS IN ITALIC ARE INCHES.

06AGG*/06RGG*

FRONT VIEW



SIDE VIEW



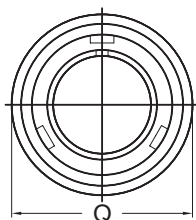
SCPB06AGG* Non-environmental, no grommet
SCPB06RGG* Environmental with grommet

SHELL SIZE	FRONT VIEW		SIDE VIEW		
	D DIA.	E DIA.	C MIN.	L MAX.	V THREAD CLASS 2A
10SL	33.5 / 1.319	28.5 / 1.122	8.2 / 0.323	50.5 / 1.990	5/8-24 UNEF
14S	40.2 / 1.583	32.5 / 1.280	11.1 / 0.437	50.5 / 1.990	3/4-20 UNEF
16S	* / *	* / *	14.3 / 0.563	50.5 / 1.990	7/8-20 UNEF
16	* / *	* / *	14.3 / 0.563	61.5 / 2.423	7/8-20 UNEF
18	49.0 / 1.929	43.5 / 1.713	16.7 / 0.657	61.5 / 2.423	1-20 UNEF
20	51.5 / 2.028	46.0 / 1.811	19.8 / 0.780	61.5 / 2.423	1 3/16-18 UNEF
22	56.5 / 2.224	50.5 / 1.988	19.8 / 0.780	62.6 / 2.463	1 3/16-18 UNEF
24	60.0 / 2.362	54.0 / 2.126	25.4 / 1.000	64.6 / 2.542	1 7/16-18 UNEF
28	67.0 / 2.638	61.0 / 2.402	27.0 / 1.063	70.6 / 2.778	1 7/16-18 UNEF
32	76.0 / 2.992	67.6 / 2.661	32.5 / 1.280	74.6 / 2.935	1 3/4-18 UNS
36	82.3 / 3.240	74.3 / 2.925	35.7 / 1.406	74.6 / 2.935	2-18 UNS
40	88.0 / 3.465	80.0 / 3.150	45.0 / 1.772	89.6 / 3.526	2 1/4-16 UN

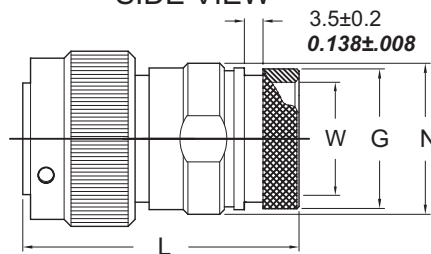
DIMENSIONS IN ITALIC ARE INCHES.
* CONSULT FACTORY FOR DIMENSIONS.



FRONT VIEW



SIDE VIEW

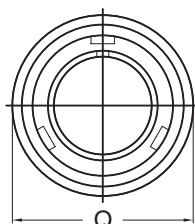


SCP06AG2G* Environmental, no grommet
SCP06G2G* Environmental with grommet

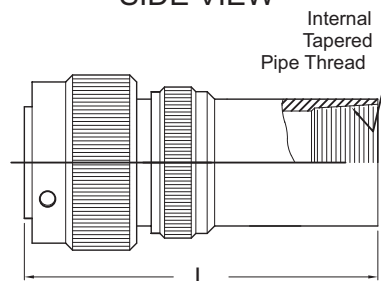
SHELL SIZE	FRONT VIEW	SIDE VIEW			
	Q MAX	G ±0.2 / ±.008	N MAX	L APRX	W MIN
10SL	22.8 / <i>0.898</i>	15.5 / <i>0.610</i>	22 / <i>0.866</i>	49.0 / <i>1.929</i>	8.5 / <i>0.335</i>
14S	29.2 / <i>1.150</i>	19.1 / <i>0.752</i>	25 / <i>0.984</i>	49.0 / <i>1.929</i>	12.0 / <i>0.472</i>
16S	33.0 / <i>1.299</i>	23.9 / <i>0.941</i>	28 / <i>1.102</i>	49.8 / <i>1.961</i>	14.5 / <i>0.571</i>
16	33.0 / <i>1.299</i>	23.9 / <i>0.941</i>	28 / <i>1.102</i>	59.3 / <i>2.335</i>	14.5 / <i>0.571</i>
18	36.5 / <i>1.437</i>	23.9 / <i>0.941</i>	31 / <i>1.220</i>	58.8 / <i>2.315</i>	17.5 / <i>0.689</i>
20	39.9 / <i>1.571</i>	29.6 / <i>1.165</i>	35 / <i>1.378</i>	59.5 / <i>2.343</i>	19.5 / <i>0.768</i>
22	43.1 / <i>1.697</i>	29.6 / <i>1.165</i>	38 / <i>1.496</i>	59.5 / <i>2.343</i>	22.0 / <i>0.866</i>
24	46.6 / <i>1.835</i>	37.8 / <i>1.488</i>	41 / <i>1.614</i>	62.1 / <i>2.445</i>	25.0 / <i>0.984</i>
28	53.4 / <i>2.102</i>	37.8 / <i>1.488</i>	48 / <i>1.890</i>	63.9 / <i>2.516</i>	29.0 / <i>1.142</i>
32	60.1 / <i>2.366</i>	47.8 / <i>1.882</i>	54 / <i>2.126</i>	66.2 / <i>2.606</i>	34.0 / <i>1.339</i>
36	66.3 / <i>2.610</i>	47.8 / <i>1.882</i>	61 / <i>2.402</i>	66.2 / <i>2.606</i>	38.5 / <i>1.516</i>
40	72.4 / <i>2.850</i>	52.4 / <i>2.063</i>	68 / <i>2.677</i>	66.5 / <i>2.618</i>	48.0 / <i>1.890</i>

DIMENSIONS IN ITALIC ARE INCHES.

FRONT VIEW



SIDE VIEW



SCP06APT* Environmental, no grommet

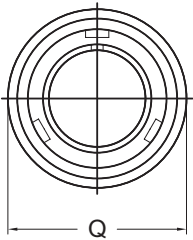
SHELL SIZE	FRONT VIEW	SIDE VIEW		
	Q MAX	L MAX	SUFFIX CODE	PIPE THREAD
10SL	22.8 / <i>0.898</i>	60 / <i>2.362</i>	01	1/8
14S	29.2 / <i>1.150</i>	60 / <i>2.362</i>	02	1/4
16S	33.0 / <i>1.299</i>	60 / <i>2.362</i>	03	3/8
16	33.0 / <i>1.299</i>	70 / <i>2.756</i>	04	1/2
18	36.5 / <i>1.437</i>	70 / <i>2.756</i>	05	3/4
20	39.9 / <i>1.571</i>	70 / <i>2.756</i>	06	1
22	43.1 / <i>1.697</i>	70 / <i>2.756</i>	07	1 1/4
24	46.6 / <i>1.835</i>	80 / <i>3.150</i>	08	1 1/2
28	53.4 / <i>2.102</i>	80 / <i>3.150</i>	09	2
32	60.1 / <i>2.366</i>	80 / <i>3.150</i>	10	2 1/2
36	66.3 / <i>2.610</i>	95 / <i>3.740</i>		
40	72.4 / <i>2.850</i>	95 / <i>3.740</i>		

DIMENSIONS IN ITALIC ARE INCHES.

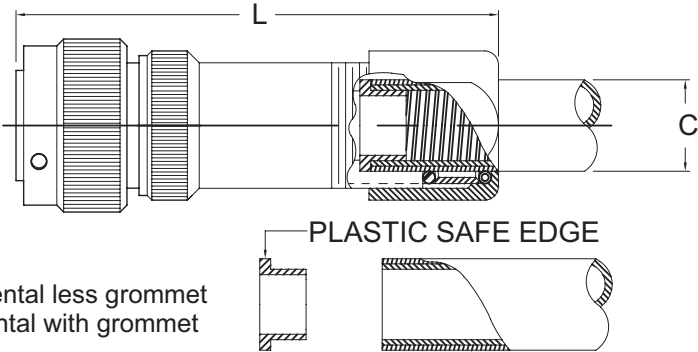
STRAIGHT PLUG

06ARK*/06RK*

FRONT VIEW



SIDE VIEW



SCPBO6ARK* Envoronmental less grommet
SCPBO6RK* Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW
	Q MAX	L
10SL	22.8 / 0.898	Dimension L is dependent on conduit size used with each shell size. (consult factory)
14S	29.2 / 1.150	
16S	33.0 / 1.299	
16	33.0 / 1.299	
18	36.5 / 1.437	
20	39.9 / 1.571	
22	43.1 / 1.697	
24	46.6 / 1.835	
28	53.4 / 2.102	
32	60.1 / 2.366	
36	66.3 / 2.610	
40	72.4 / 2.850	

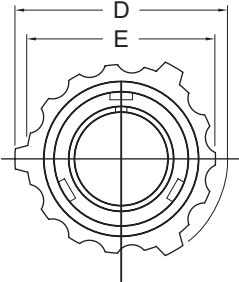
CODE (***)	AVAILABLE CONDUIT SIZES C
(038)	9.52/3/8
(050)	12.70/ 1/2
(075)	19.05/3/4
(100)	25.40/ 1
(125)	31.75/1 1/4
(150)	38.10/1 1/2
(200)	50.80/ 2

(***) Conduit size must be specified as part of the connector part number using conduit code

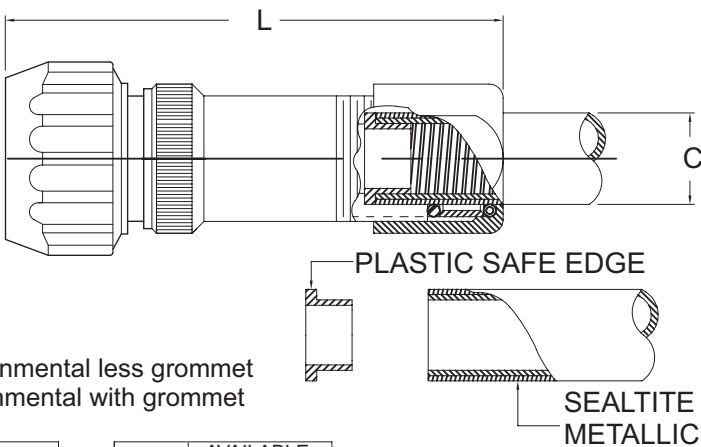
DIMENSIONS IN ITALIC ARE INCHES.

06ARKGG*/06RKGG*

FRONT VIEW



SIDE VIEW



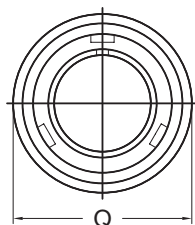
SCPBO6ARKGG* Envoronmental less grommet
SCPBO6RKGG* Environmental with grommet

SHELL SIZE	FRONT VIEW		SIDE VIEW
	D DIA.	E DIA.	L
10SL	33.5 / 1.319	28.5 / 1.122	Dimension L is dependent on conduit size used with each shell size. (consult factory)
14S	40.2 / 1.583	32.5 / 1.280	
16S	* / *	* / *	
16	* / *	* / *	
18	49.0 / 1.929	43.5 / 1.713	
20	51.5 / 2.028	46.0 / 1.811	
22	56.5 / 2.224	50.5 / 1.988	
24	60.0 / 2.362	54.0 / 2.126	
28	67.0 / 2.638	61.0 / 2.402	
32	76.0 / 2.992	67.6 / 2.661	
36	82.3 / 3.240	74.3 / 2.925	
40	88.0 / 3.465	80.0 / 3.150	

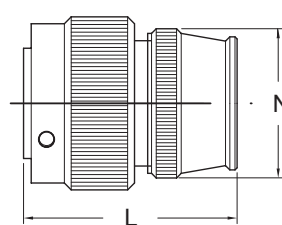
CODE (***)	AVAILABLE CONDUIT SIZES C
(038)	9.52/3/8
(050)	12.70/ 1/2
(075)	19.05/3/4
(100)	25.40/ 1
(125)	31.75/1 1/4
(150)	38.10/1 1/2
(200)	50.80/ 2

(***) Conduit size must be specified as part of the connector part number using conduit code
DIMENSIONS IN ITALIC ARE INCHES.
* CONSULT FACTORY FOR DIMENSIONS.

FRONT VIEW



SIDE VIEW



SCPB06ARV*
SCPB06RV*

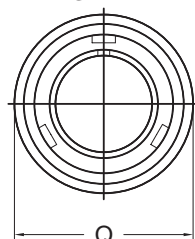
Non-environmental, no grommet
Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW	
	Q MAX	L MAX	N MAX
10SL	22.8 / 0.898	40 / 1.575	20.0 / 0.787
14S	29.2 / 1.150	40 / 1.575	24.0 / 0.945
16S	33.0 / 1.299	40 / 1.575	26.0 / 1.024
16	33.0 / 1.299	56 / 2.205	26.0 / 1.024
18	36.5 / 1.437	56 / 2.205	29.5 / 1.161
20	39.9 / 1.571	57 / 2.244	33.0 / 1.299
22	43.1 / 1.697	57 / 2.244	36.0 / 1.417
24	46.6 / 1.835	59 / 2.323	40.0 / 1.575
28	53.4 / 2.102	59 / 2.323	46.0 / 1.811
32	60.1 / 2.366	60 / 2.362	51.5 / 2.028
36	66.3 / 2.610	60 / 2.362	58.0 / 2.283
40	72.4 / 2.850	61 / 2.402	64.5 / 2.539

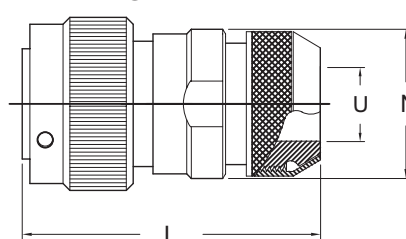
DIMENSIONS IN ITALIC ARE INCHES.

06ASB*/06SB*

FRONT VIEW



SIDE VIEW



SCPB06ASB*
SCPB06SB*

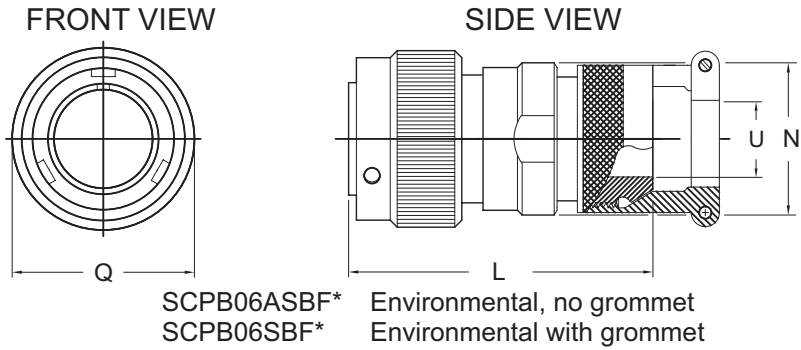
Environmental, no grommet
Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW		
	Q MAX	L MAX	N MAX	U MIN
10SL	22.8 / 0.898	51.4 / 2.024	22 / 0.866	8.6 / 0.339
14S	29.2 / 1.150	51.4 / 2.024	25 / 0.984	10.6 / 0.417
16S	33.0 / 1.299	53.4 / 2.102	28 / 1.102	13.5 / 0.531
16	33.0 / 1.299	62.5 / 2.461	28 / 1.102	13.5 / 0.531
18	36.5 / 1.437	63.7 / 2.508	31 / 1.220	14.6 / 0.575
20	39.9 / 1.571	63.7 / 2.508	35 / 1.378	18.5 / 0.728
22	43.1 / 1.697	63.7 / 2.508	38 / 1.496	20.8 / 0.819
24	46.6 / 1.835	64.4 / 2.535	41 / 1.614	24.6 / 0.969
28	53.4 / 2.102	64.4 / 2.535	48 / 1.890	27.0 / 1.063
32	60.1 / 2.366	66.0 / 2.598	54 / 2.126	33.3 / 1.311
36	66.3 / 2.610	66.0 / 2.598	61 / 2.402	38.5 / 1.516
40	72.4 / 2.850	66.0 / 2.598	68 / 2.677	46.0 / 1.811

DIMENSIONS IN ITALIC ARE INCHES.

STRAIGHT PLUG

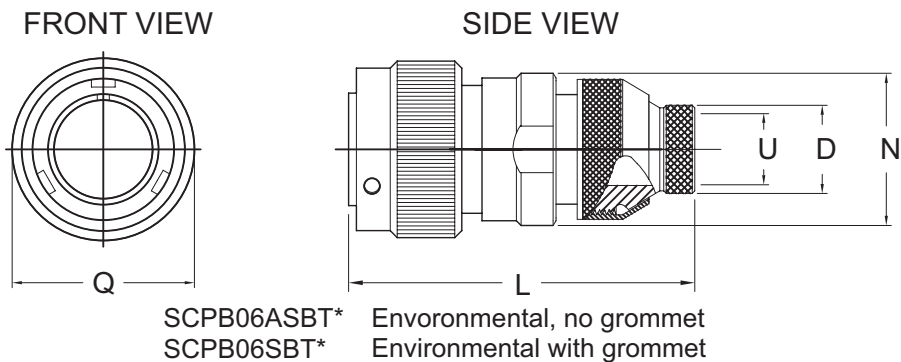
06ASBF*/06SBF*



SHELL SIZE	FRONT VIEW	SIDE VIEW			
	Q MAX	L MAX	N MAX	U MIN	
10SL	22.8 / <i>0.898</i>	51.4 / <i>2.024</i>	22 / <i>0.866</i>	8.6 / <i>0.339</i>	
14S	29.2 / <i>1.150</i>	51.4 / <i>2.024</i>	25 / <i>0.984</i>	10.6 / <i>0.417</i>	
16S	33.0 / <i>1.299</i>	53.4 / <i>2.102</i>	28 / <i>1.102</i>	13.5 / <i>0.531</i>	
16	33.0 / <i>1.299</i>	62.5 / <i>2.461</i>	28 / <i>1.102</i>	13.5 / <i>0.531</i>	
18	36.5 / <i>1.437</i>	63.7 / <i>2.508</i>	31 / <i>1.220</i>	14.6 / <i>0.575</i>	
20	39.9 / <i>1.571</i>	63.7 / <i>2.508</i>	35 / <i>1.378</i>	18.5 / <i>0.728</i>	
22	43.1 / <i>1.697</i>	63.7 / <i>2.508</i>	38 / <i>1.496</i>	20.8 / <i>0.819</i>	
24	46.6 / <i>1.835</i>	64.4 / <i>2.535</i>	41 / <i>1.614</i>	24.6 / <i>0.969</i>	
28	53.4 / <i>2.102</i>	64.4 / <i>2.535</i>	48 / <i>1.890</i>	27.0 / <i>1.063</i>	
32	60.1 / <i>2.366</i>	66.0 / <i>2.598</i>	54 / <i>2.126</i>	33.3 / <i>1.311</i>	
36	66.3 / <i>2.610</i>	66.0 / <i>2.598</i>	61 / <i>2.402</i>	38.5 / <i>1.516</i>	
40	72.4 / <i>2.850</i>	66.0 / <i>2.598</i>	68 / <i>2.677</i>	46.0 / <i>1.811</i>	

DIMENSIONS IN ITALIC ARE INCHES.

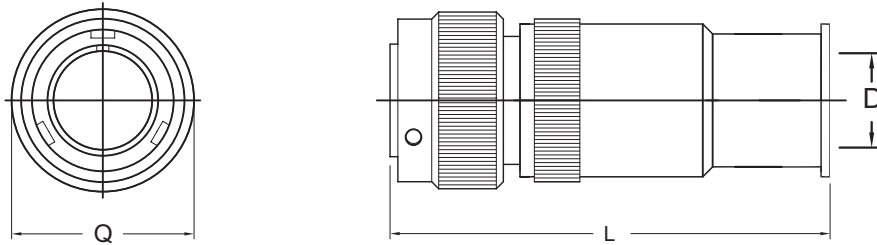
06ASBT*/06SBT*



SHELL SIZE	FRONT VIEW	SIDE VIEW				
	Q MAX	D MAX	L MAX	N MAX	U MIN	
10SL	22.8 / <i>0.898</i>	11.1 / <i>0.437</i>	61 / <i>2.402</i>	22 / <i>0.866</i>	7.6 / <i>0.299</i>	
14S	29.2 / <i>1.150</i>	14.3 / <i>0.563</i>	64 / <i>2.520</i>	25 / <i>0.984</i>	10.8 / <i>0.425</i>	
16S	33.0 / <i>1.299</i>	15.9 / <i>0.626</i>	70 / <i>2.756</i>	28 / <i>1.102</i>	12.4 / <i>0.488</i>	
16	33.0 / <i>1.299</i>	15.9 / <i>0.626</i>	80 / <i>3.150</i>	28 / <i>1.102</i>	12.4 / <i>0.488</i>	
18	36.5 / <i>1.437</i>	19.1 / <i>0.752</i>	80 / <i>3.150</i>	31 / <i>1.220</i>	15.6 / <i>0.614</i>	
20	39.9 / <i>1.571</i>	22.3 / <i>0.878</i>	80 / <i>3.150</i>	35 / <i>1.378</i>	18.7 / <i>0.736</i>	
22	43.1 / <i>1.697</i>	25.4 / <i>1.000</i>	80 / <i>3.150</i>	38 / <i>1.496</i>	21.9 / <i>0.862</i>	
24	46.6 / <i>1.835</i>	28.6 / <i>1.126</i>	80 / <i>3.150</i>	41 / <i>1.614</i>	25.1 / <i>0.988</i>	
28	53.4 / <i>2.102</i>	31.8 / <i>1.252</i>	80 / <i>3.150</i>	48 / <i>1.890</i>	28.3 / <i>1.114</i>	
32	60.1 / <i>2.366</i>	36.6 / <i>1.440</i>	80 / <i>3.150</i>	54 / <i>2.126</i>	28.3 / <i>1.114</i>	
36	66.3 / <i>2.610</i>	44.5 / <i>1.752</i>	85 / <i>3.346</i>	61 / <i>2.402</i>	41.0 / <i>1.614</i>	
40	72.4 / <i>2.850</i>	50.8 / <i>2.000</i>	85 / <i>3.346</i>	68 / <i>2.677</i>	40.6 / <i>1.600</i>	

DIMENSIONS IN ITALIC ARE INCHES.

1. DIMENSION L WILL VARY FROM THE VALUES INDICATED FOR SOME SPECIAL INSERT CONFIGURATIONS.



SCPB06BC* Environmental with grommet

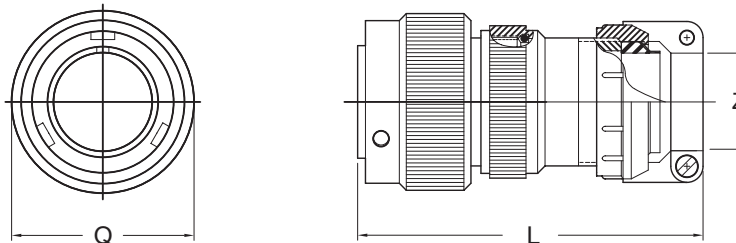
SHELL SIZE	FRONT VIEW	SIDE VIEW	CABLE RANGE		
	Q MAX	L	SUFFIX IN PART NUMBER	CONDUIT INNER DIAMETER	D MAX.
10SL	22.8 / 0.898	* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.	(046)	11.4/ 0.450	7.5/ 0.300
14S	29.2 / 1.150		(049)	12.5/ 0.490	7.5/ 0.300
16S	33.0 / 1.299		(053)	13.5/ 0.530	10.4/ 0.410
16	33.0 / 1.299		(075)	19.1/ 0.750	15.9/ 0.630
18	36.5 / 1.437		(084)	21.3/ 0.840	17.5/ 0.690
20	39.9 / 1.571		(106)	26.9/ 1.060	23.9/ 0.940
22	43.1 / 1.697		(110)	27.9/ 1.100	25.6/ 1.010
24	46.6 / 1.835		(122)	31.0/ 1.220	28.6/ 1.130
28	53.4 / 2.102		(138)	35.1/ 1.380	29.4/ 1.160
32	60.1 / 2.366		(157)	39.9/ 1.570	37.8/ 1.490
36	66.3 / 2.610		(197)	50.0/ 1.970	45.2/ 1.780
40	72.4 / 2.850				

DIMENSIONS IN ITALIC ARE INCHES.

FRONT VIEW

SIDE VIEW

06CF*/06CFZ*



SCPB06CF* Environmental, no grommet

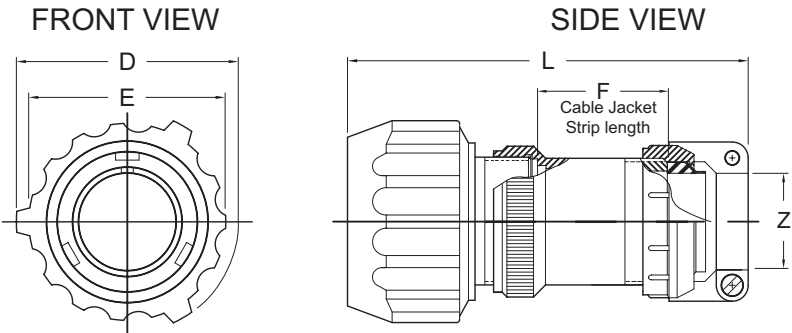
SCPB06CFZ* Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW		
	Q	L	Z	
	MAX	MAX	OPEN	CLOSED
10SL	22.8/ 0.898	73/ 2.874	7.93/ 0.312	2.38/ 0.094
14S	29.2/ 1.150	77/ 3.031	11.12/ 0.438	5.84/ 0.230
16S	33.0/ 1.299	77/ 3.031	13.48/ 0.531	8.0/ 0.315
16	33.0/ 1.299	88/ 3.465	13.48/ 0.531	8.0/ 0.315
18	36.5/ 1.437	91/ 3.583	15.87/ 0.625	9.6/ 0.378
20	39.9/ 1.571	91/ 3.583	19.00/ 0.748	11.3/ 0.445
22	43.1/ 1.697	92/ 3.622	19.00/ 0.748	11.3/ 0.445
24	46.6/ 1.835	97/ 3.819	23.80/ 0.937	15.5/ 0.610
28	53.4/ 2.102	103/ 4.055	23.80/ 0.937	15.5/ 0.610
32	60.1/ 2.366	113/ 4.449	31.75/ 1.250	23.4/ 0.921
36	66.3/ 2.610	120/ 4.724	35.00/ 1.378	23.4/ 0.921
40	72.4/ 2.850	135/ 5.315	41.25/ 1.624	29.9/ 1.177

DIMENSIONS IN ITALIC ARE INCHES.

STRAIGHT PLUG

06CFGG*/06CFZGG*

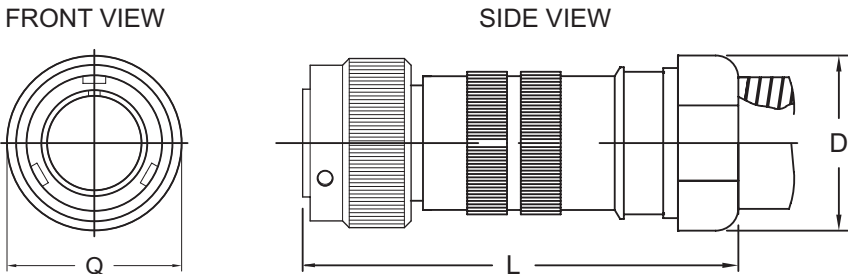


SCPB06CFGG* Environmental, no grommet
SCPB06CFZGG* Environmental with grommet

SHELL SIZE	FRONT VIEW		SIDE VIEW			
	D DIA.	E DIA.	F APPROX. NOTE 1	L MAX.	Z	
					OPEN	CLOSED
10SL	33.5 / <i>1.319</i>	28.5 / <i>1.122</i>	14.0 / <i>0.551</i>	92.6 / <i>3.644</i>	7.93 / <i>0.312</i>	2.38 / <i>0.094</i>
14S	40.2 / <i>1.583</i>	32.5 / <i>1.280</i>	18.6 / <i>0.732</i>	92.6 / <i>3.644</i>	11.12 / <i>0.438</i>	5.84 / <i>0.230</i>
16S	* / *	* / *	* / *	* / *	13.48 / <i>0.531</i>	8.0 / <i>0.315</i>
16	* / *	* / *	* / *	* / *	13.48 / <i>0.531</i>	8.0 / <i>0.315</i>
18	49.0 / <i>1.929</i>	43.5 / <i>1.713</i>	17.8 / <i>0.701</i>	109.6 / <i>4.313</i>	15.87 / <i>0.625</i>	9.6 / <i>0.378</i>
20	51.5 / <i>2.028</i>	46.0 / <i>1.811</i>	17.9 / <i>0.705</i>	110.6 / <i>4.353</i>	19.00 / <i>0.748</i>	11.3 / <i>0.445</i>
22	56.5 / <i>2.224</i>	50.5 / <i>1.988</i>	18.9 / <i>0.744</i>	110.6 / <i>4.353</i>	19.00 / <i>0.748</i>	11.3 / <i>0.445</i>
24	60.0 / <i>2.362</i>	54.0 / <i>2.126</i>	17.5 / <i>0.689</i>	121.6 / <i>4.786</i>	23.80 / <i>0.937</i>	15.5 / <i>0.610</i>
28	67.0 / <i>2.638</i>	61.0 / <i>2.402</i>	23.4 / <i>0.921</i>	121.6 / <i>4.786</i>	23.80 / <i>0.937</i>	15.5 / <i>0.610</i>
32	76.0 / <i>2.992</i>	67.6 / <i>2.661</i>	25.8 / <i>1.016</i>	130.6 / <i>5.140</i>	31.75 / <i>1.250</i>	23.4 / <i>0.921</i>
36	82.3 / <i>3.240</i>	74.3 / <i>2.925</i>	26.2 / <i>1.031</i>	137.6 / <i>5.416</i>	35.00 / <i>1.378</i>	23.4 / <i>0.921</i>
40	88.0 / <i>3.465</i>	80.0 / <i>3.150</i>	41.0 / <i>1.614</i>	147.5 / <i>5.809</i>	41.25 / <i>1.624</i>	29.9 / <i>1.177</i>

DIMENSIONS IN ITALIC ARE INCHES.
* CONSULT FACTORY FOR DIMENSIONS.
NOTE 1. DIMENSIONS L AND F WILL VARY FROM THE VALUES INDICATED WITH ESCALATING OR DE-ESCALATING BACKSHELLS AND SOME SPECIAL INSERT ARRANGEMENTS. CONSULT FACTORY FOR VERIFICATION.

06CMEG*

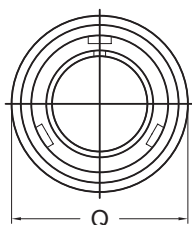


SCPB06CMEG* Environmental with grommet

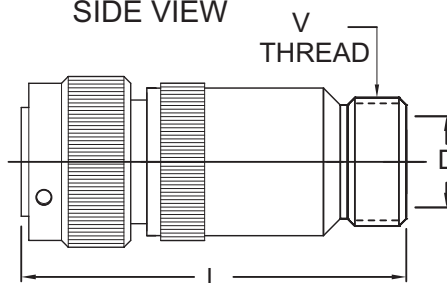
SHELL SIZE	FRONT VIEW	SIDE VIEW	CONDUIT SIZE			
	Q MAX	L	CABLE CODE	ELECTRI-FLEX CONDUIT TRADE SIZE	SHELL SIZE	D APRX.
10SL	22.8 / <i>0.898</i>	* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.	075	3/4	20	41.9 / <i>1.65</i>
14S	29.2 / <i>1.150</i>				24	41.9 / <i>1.65</i>
16S	33.0 / <i>1.299</i>				36	41.9 / <i>1.65</i>
16	33.0 / <i>1.299</i>		100	100	20	47.6 / <i>1.88</i>
18	36.5 / <i>1.437</i>					
20	39.9 / <i>1.571</i>					
22	43.1 / <i>1.697</i>					
24	46.6 / <i>1.835</i>					
28	53.4 / <i>2.102</i>					
32	60.1 / <i>2.366</i>					
36	66.3 / <i>2.610</i>					
40	72.4 / <i>2.850</i>					

DIMENSIONS IN ITALIC ARE INCHES.

FRONT VIEW



SIDE VIEW



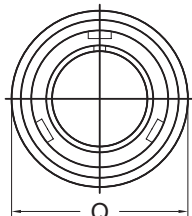
SCPB06LA*
SCPB06LR*

Non-environmental, no grommet
Environmental with grommet

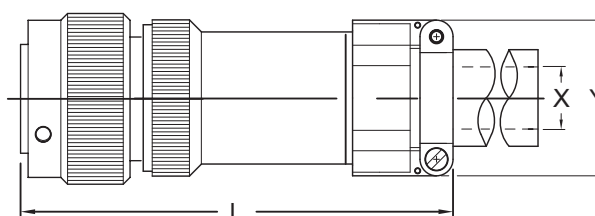
SHELL SIZE	FRONT VIEW	SIDE VIEW		
	Q MAX	D MIN.	L MAX.	V THREAD CLASS 2A
10SL	22.8 / 0.898	8.2 / 0.323	71 / 2.79	5/8-24 UNEF
14S	29.2 / 1.150	11.1 / 0.437	71 / 2.79	3/4-20 UNEF
16S	33.0 / 1.299	14.3 / 0.563	71 / 2.79	7/8-20 UNEF
16	33.0 / 1.299	14.3 / 0.563	87 / 3.42	7/8-20 UNEF
18	36.5 / 1.437	16.7 / 0.657	87 / 3.42	1-20 UNEF
20	39.9 / 1.571	19.8 / 0.780	87 / 3.42	1 3/16-18 UNEF
22	43.1 / 1.697	19.8 / 0.780	87 / 3.42	1 3/16-18 UNEF
24	46.6 / 1.835	25.4 / 1.000	87 / 3.42	1 7/16-18 UNEF
28	53.4 / 2.102	27.0 / 1.063	95 / 3.74	1 7/16-18 UNEF
32	60.1 / 2.366	32.5 / 1.280	95 / 3.74	1 3/4-18 UNS
36	66.3 / 2.610	35.7 / 1.406	95 / 3.74	2-18 UNS
40	72.4 / 2.850	45.0 / 1.772	95 / 3.74	2 1/4-16 UN

DIMENSIONS IN ITALIC ARE INCHES.

FRONT VIEW



SIDE VIEW



SCPB06LAF*
SCPB06LF*

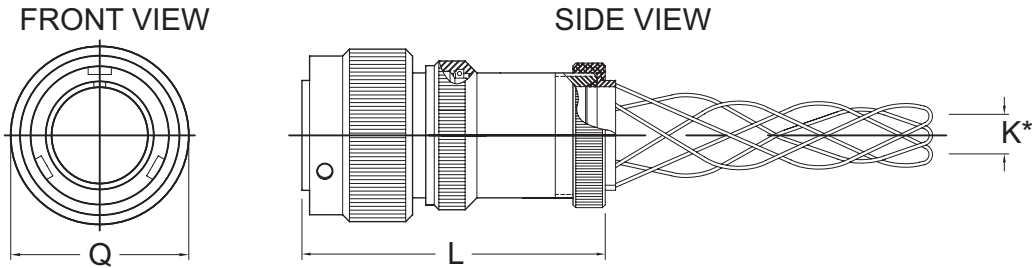
Non-environmental, no grommet
Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW		
	Q MAX	L MAX	X MIN	Y MAX
10SL	22.8 / 0.898	92 / 3.622	5.6 / 0.220	22.7 / 0.894
14S	29.2 / 1.150	93 / 3.661	7.9 / 0.311	27.5 / 1.083
16S	33.0 / 1.299	95 / 3.740	11.0 / 0.433	30.0 / 1.181
16	33.0 / 1.299	111 / 4.370	11.0 / 0.433	30.0 / 1.181
18	36.5 / 1.437	111 / 4.370	14.2 / 0.559	32.2 / 1.268
20	39.9 / 1.571	111 / 4.370	15.8 / 0.622	37.5 / 1.476
22	43.1 / 1.697	111 / 4.370	15.8 / 0.622	37.5 / 1.476
24	46.6 / 1.835	113 / 4.449	19.0 / 0.748	43.3 / 1.705
28	53.4 / 2.102	121 / 4.764	19.0 / 0.748	43.3 / 1.705
32	60.1 / 2.366	123 / 4.842	23.8 / 1.051	51.7 / 2.035
36	66.3 / 2.610	125 / 4.921	31.7 / 1.248	58.0 / 2.283
40	72.4 / 2.850	138 / 5.433	34.9 / 1.374	65.5 / 2.579

DIMENSIONS IN ITALIC ARE INCHES.

STRAIGHT PLUG

06LC*/06LCG*



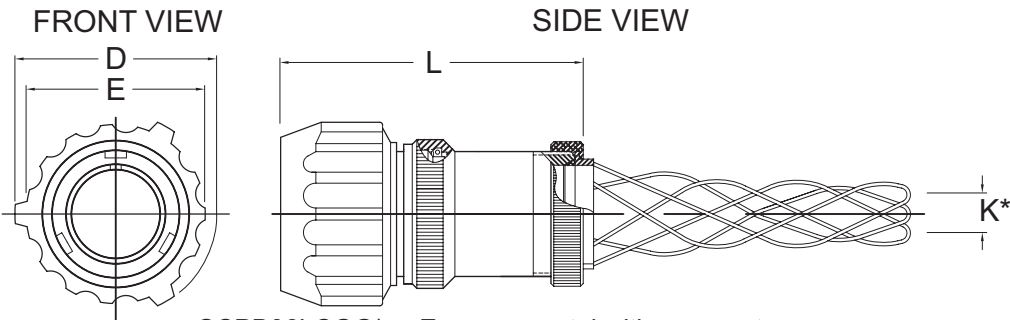
SCP06LC* Environmental with grommet
SCP06LCG* Environmental, no grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW
	Q MAX	L MAX
10SL	22.8 / <i>0.898</i>	100 / <i>3.937</i>
14S	29.2 / <i>1.150</i>	100 / <i>3.937</i>
16S	33.0 / <i>1.299</i>	100 / <i>3.937</i>
16	33.0 / <i>1.299</i>	110 / <i>4.331</i>
18	36.5 / <i>1.437</i>	110 / <i>4.331</i>
20	39.9 / <i>1.571</i>	116 / <i>4.567</i>
22	43.1 / <i>1.697</i>	116 / <i>4.567</i>
24	46.6 / <i>1.835</i>	120 / <i>4.724</i>
28	53.4 / <i>2.102</i>	129 / <i>5.079</i>
32	60.1 / <i>2.366</i>	145 / <i>5.709</i>
36	66.3 / <i>2.610</i>	145 / <i>5.709</i>
40	72.4 / <i>2.850</i>	145 / <i>5.709</i>

K*	CABLE RANGE	
	MIN	MAX
K0	6.35 / <i>0.250</i>	9.53 / <i>0.375</i>
K1	9.53 / <i>0.375</i>	12.7 / <i>0.500</i>
K2	12.7 / <i>0.500</i>	15.87 / <i>0.625</i>
K3	15.87 / <i>0.625</i>	19.05 / <i>0.750</i>
K4	19.05 / <i>0.750</i>	22.23 / <i>0.875</i>
K5	22.23 / <i>0.875</i>	25.4 / <i>1.000</i>
K6	25.4 / <i>1.000</i>	28.45 / <i>1.120</i>
K7	28.45 / <i>1.120</i>	31.75 / <i>1.250</i>
K8	32.77 / <i>1.290</i>	38.1 / <i>1.500</i>
K9	39.62 / <i>1.560</i>	41.28 / <i>1.625</i>
K10	41.28 / <i>1.625</i>	44.45 / <i>1.750</i>

DIMENSIONS IN ITALIC ARE INCHES.
1. DIMENSION L WILL VARY FROM THE VALUES INDICATED WITH ESCALATING OR DE-ESCALATING BACKSHELLS AND SOME SPECIAL INSERT CONFIGURATIONS.

06LCGG*/06LCGGG*



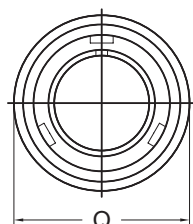
SCP06LCGG* Environmental with grommet
SCP06LCGGG* Environmental, no grommet

SHELL SIZE	FRONT VIEW		SIDE VIEW
	D DIA.	E DIA.	L MAX
10SL	33.5 / 1.319	28.5 / 1.122	103.6/ 4.077
14S	40.2 / 1.583	32.5 / 1.280	103.6/ 4.077
16S	* / *	* / *	103.6/ 4.077
16	* / *	* / *	113.6/ 4.471
18	49.0 / 1.929	43.5 / 1.713	113.6/ 4.471
20	51.5 / 2.028	46.0 / 1.811	119.6/ 4.707
22	56.5 / 2.224	50.5 / 1.988	119.6/ 4.707
24	60.0 / 2.362	54.0 / 2.126	123.5/ 4.864
28	67.0 / 2.638	61.0 / 2.402	132.6/ 5.219
32	76.0 / 2.992	67.6 / 2.661	148.6/ 5.849
36	82.3 / 3.240	74.3 / 2.925	148.6/ 5.849
40	88.0 / 3.465	80.0 / 3.150	148.6/ 5.849

K*	CABLE RANGE	
	MIN	MAX
K0	6.35 / 0.250	9.53 / 0.375
K1	9.53 / 0.375	12.7 / 0.500
K2	12.7 / 0.500	15.87 / 0.625
K3	15.87 / 0.625	19.05 / 0.750
K4	19.05 / 0.750	22.23 / 0.875
K5	22.23 / 0.875	25.40 / 1.000
K6	25.4 / 1.000	28.45 / 1.120
K7	28.45 / 1.120	31.75 / 1.250
K8	32.77 / 1.290	38.10 / 1.500
K9	39.62 / 1.560	41.28 / 1.625
K10	41.28 / 1.625	44.45 / 1.750

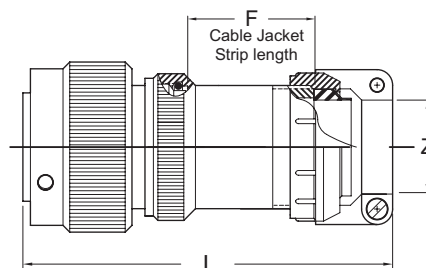
DIMENSIONS IN ITALIC ARE INCHES.
* CONSULT FACTORY FOR DIMENSIONS.
NOTE 1. DIMENSIONS A AND F WILL VARY FROM THE VALUES INDICATED WITH ESCALATING OR DE-ESCALATING BACKSHELLS AND SOME SPECIAL INSERT ARRANGEMENTS. CONSULT FACTORY FOR VERIFICATION.

FRONT VIEW



SCPB06LCF*
SCPB06LCFZ*

SIDE VIEW



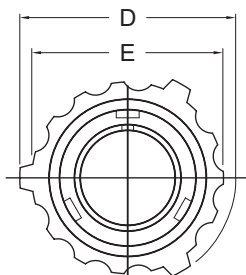
Environmental, no grommet
Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW			
	Q	F	L	Z	
	MAX	REF	MAX	OPEN	CLOSED
10SL	22.8 / 0.898	42.0 / 1.654	101 / 3.976	7.93 / 0.312	2.38 / 0.094
14S	29.2 / 1.150	42.6 / 1.677	101 / 3.976	11.12 / 0.438	5.84 / 0.230
16S	33.0 / 1.299	42.6 / 1.677	101 / 3.976	13.48 / 0.531	8.0 / 0.315
16	33.0 / 1.299	42.6 / 1.677	114 / 4.488	13.48 / 0.531	8.0 / 0.315
18	36.5 / 1.437	45.8 / 1.803	119 / 4.685	15.87 / 0.625	9.6 / 0.378
20	39.9 / 1.571	45.9 / 1.807	119 / 4.685	19.00 / 0.748	11.3 / 0.445
22	43.1 / 1.697	45.9 / 1.807	119 / 4.685	19.00 / 0.748	11.3 / 0.445
24	46.6 / 1.835	44.5 / 1.752	124 / 4.882	23.80 / 0.937	15.5 / 0.610
28	53.4 / 2.102	49.5 / 1.949	130 / 5.118	23.80 / 0.937	15.5 / 0.610
32	60.1 / 2.366	49.6 / 1.953	137 / 5.394	31.75 / 1.250	23.4 / 0.921
36	66.3 / 2.610	50.0 / 1.969	144 / 5.669	35.00 / 1.378	23.4 / 0.921
40	72.4 / 2.850	50.0 / 1.969	144 / 5.669	41.25 / 1.624	29.9 / 1.177

DIMENSIONS IN ITALIC ARE INCHES.

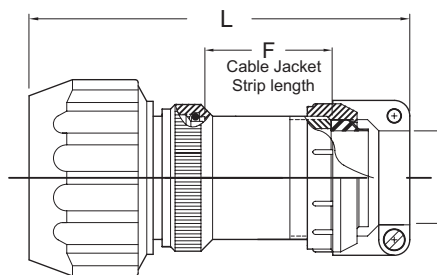
06LCFGG*/06LCFZGG*

FRONT VIEW



SCPB06LCFGG*
SCPB06LCFZGG*

SIDE VIEW



Environmental, no grommet
Environmental with grommet

SHELL SIZE	FRONT VIEW		SIDE VIEW			
	D	E	F	L	Z	
	DIA.	DIA.	REF	MAX	OPEN	CLOSED
10SL	33.5 / 1.319	28.5 / 1.122	42.0 / 1.654	104.5 / 4.116	7.93 / 0.312	2.38 / 0.094
14S	40.2 / 1.583	32.5 / 1.280	42.6 / 1.677	104.5 / 4.116	11.12 / 0.438	5.84 / 0.230
16S	* / *	* / *	42.6 / 1.677	104.5 / 4.116	13.48 / 0.531	8.0 / 0.315
16	* / *	* / *	42.6 / 1.677	117.6 / 4.628	13.48 / 0.531	8.0 / 0.315
18	49.0 / 1.929	43.5 / 1.713	45.8 / 1.803	122.6 / 4.825	15.87 / 0.625	9.6 / 0.378
20	51.5 / 2.028	46.0 / 1.811	45.9 / 1.807	122.6 / 4.825	19.00 / 0.748	11.3 / 0.445
22	56.5 / 2.224	50.5 / 1.988	45.9 / 1.807	122.6 / 4.825	19.00 / 0.748	11.3 / 0.445
24	60.0 / 2.362	54.0 / 2.126	44.5 / 1.752	127.6 / 5.022	23.80 / 0.937	15.5 / 0.610
28	67.0 / 2.638	61.0 / 2.402	49.5 / 1.949	133.6 / 5.258	23.80 / 0.937	15.5 / 0.610
32	76.0 / 2.992	67.6 / 2.661	49.6 / 1.953	140.6 / 5.534	31.75 / 1.250	23.4 / 0.921
36	82.3 / 3.240	74.3 / 2.925	50.0 / 1.969	147.5 / 5.809	35.00 / 1.378	23.4 / 0.921
40	88.0 / 3.465	80.0 / 3.150	50.0 / 1.969	147.5 / 5.809	41.25 / 1.624	29.9 / 1.177

DIMENSIONS IN ITALIC ARE INCHES.

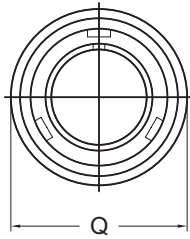
* CONSULT FACTORY FOR DIMENSIONS.

NOTE 1. DIMENSIONS L AND F WILL VARY FROM THE VALUES INDICATED
WITH ESCALATING OR DE-ESCALATING BACKSHELLS AND SOME SPECIAL
INSERT ARRANGEMENTS. CONSULT FACTORY FOR VERIFICATION.

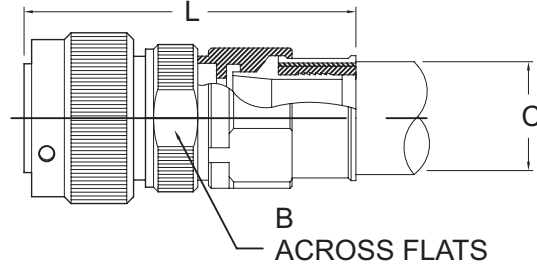
STRAIGHT PLUG

06NM*/06NMG*

FRONT VIEW



SIDE VIEW



SCPB06NM*

Environmental with grommet

SCPB06NMG*

Environmental, no grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW	
	Q MAX	B ACROSS FLATS	L
10SL	22.8 / <i>0.898</i>	17.8 / <i>0.701</i>	Dimension L is dependent on conduit size used with each shell size. (consult factory)
14S	29.2 / <i>1.150</i>	23.8 / <i>0.937</i>	
16S	33.0 / <i>1.299</i>	25.4 / <i>1.000</i>	
16	33.0 / <i>1.299</i>	25.4 / <i>1.000</i>	
18	36.5 / <i>1.437</i>	28.6 / <i>1.126</i>	
20	39.9 / <i>1.571</i>	31.7 / <i>1.248</i>	
22	43.1 / <i>1.697</i>	34.9 / <i>1.374</i>	
24	46.6 / <i>1.835</i>	38.1 / <i>1.500</i>	
28	53.4 / <i>2.102</i>	44.4 / <i>1.748</i>	
32	60.1 / <i>2.366</i>	50.8 / <i>2.000</i>	
36	66.3 / <i>2.610</i>	57.1 / <i>2.248</i>	
40	72.4 / <i>2.850</i>	61.9 / <i>2.437</i>	

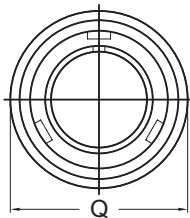
AVAILABLE CONDUIT SIZES C	CODE (***)
9.52 / <i>3/8</i>	(038)
12.70 / <i>1/2</i>	(050)
19.05 / <i>3/4</i>	(075)
25.40 / <i>1</i>	(100)
31.75 / <i>1 1/4</i>	(125)
38.10 / <i>1 1/2</i>	(150)
50.80 / <i>2</i>	(200)

(***) Conduit Size must be specified as part of the connector part number using Conduit Code

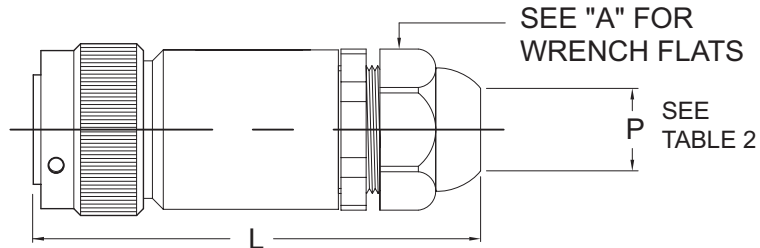
DIMENSIONS IN ITALIC ARE INCHES.

06SL*/06SL1*

FRONT VIEW



SIDE VIEW



SCPB06SL*

Environmental, no grommet

SCPB06SL1*

Environmental with grommet

TABLE 1

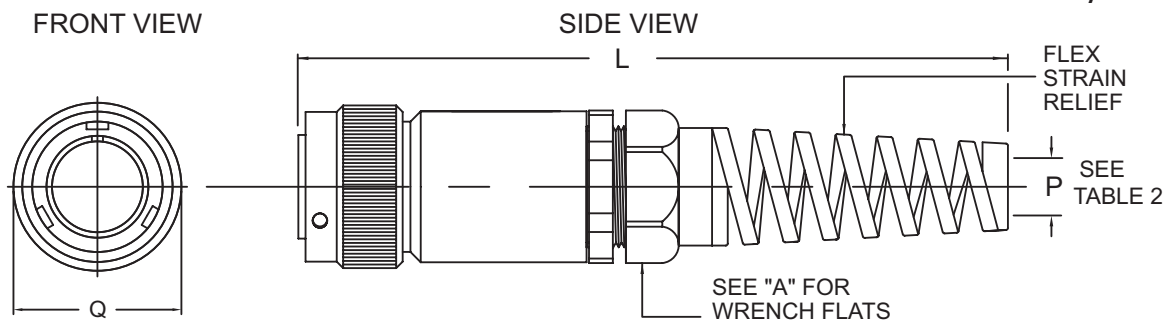
SHELL SIZE	FRONT VIEW	SIDE VIEW
	Q DIA. MAX.	L
10SL	22.8 / <i>0.898</i>	* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.
14S	29.2 / <i>1.150</i>	
16S	33.0 / <i>1.299</i>	
16	33.0 / <i>1.299</i>	
18	36.5 / <i>1.437</i>	
20	39.9 / <i>1.571</i>	
22	43.1 / <i>1.697</i>	
24	46.6 / <i>1.835</i>	
28	53.4 / <i>2.102</i>	
32	60.1 / <i>2.366</i>	
36	66.3 / <i>2.610</i>	
40	72.4 / <i>2.850</i>	

DIMENSIONS IN ITALIC ARE INCHES.

TABLE 2: CABLE RANGE CODE

(XX) CABLE CODE	TYPE	P	A
NO STRAIN RELIEF		CABLE RANGE	WRENCH FLATS
07R	PG7	2.0-5.0 / <i>0.08-0.20</i>	15.0 / <i>0.591</i>
07	PG7	3.0-6.5 / <i>0.12-0.26</i>	15.0 / <i>0.591</i>
09R	PG9	2.0-6.0 / <i>0.08-0.24</i>	19.0 / <i>0.748</i>
09	PG9	4.0-8.0 / <i>0.16-0.31</i>	19.0 / <i>0.748</i>
11R	PG11	3.0-7.0 / <i>0.12-0.28</i>	22.0 / <i>0.866</i>
11	PG11	5.0-10.0 / <i>0.20-0.39</i>	22.0 / <i>0.866</i>
13R	PG13.5	5.0-9.0 / <i>0.20-0.35</i>	24.0 / <i>0.945</i>
13	PG13.5	6.0-12.0 / <i>0.24-0.47</i>	24.0 / <i>0.945</i>
16R	PG16	7.0-12.0 / <i>0.28-0.47</i>	27.0 / <i>1.063</i>
16	PG16	10.0-14.0 / <i>0.39-0.55</i>	27.0 / <i>1.063</i>
21R	PG21	9.0-16.0 / <i>0.35-0.63</i>	33.0 / <i>1.299</i>
21	PG21	13.0-18.0 / <i>0.51-0.71</i>	33.0 / <i>1.299</i>
29R	PG29	12.0-20.0 / <i>0.47-0.79</i>	42.0 / <i>1.654</i>
29	PG29	18.0-25.0 / <i>0.71-0.98</i>	42.0 / <i>1.654</i>
36R	PG36	20.0-26.0 / <i>0.79-1.02</i>	53.0 / <i>2.087</i>
36	PG36	22.0-32.0 / <i>0.87-1.26</i>	53.0 / <i>2.087</i>
42	PG42	30.0-38.0 / <i>1.18-1.50</i>	60.0 / <i>2.362</i>
48	PG48	34.0-44.0 / <i>1.34-1.73</i>	65.0 / <i>2.559</i>





SCPB06SLX* Environmental, no grommet
SCPB06SLX1* Environmental with grommet

TABLE 1

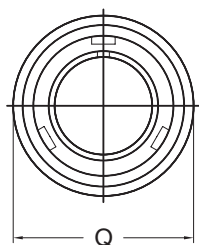
	FRONT VIEW	SIDE VIEW
SHELL SIZE	Q DIA. MAX.	L
10SL	22.8 / 0.898	* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.
14S	29.2 / 1.150	
16S	33.0 / 1.299	
16	33.0 / 1.299	
18	36.5 / 1.437	
20	39.9 / 1.571	
22	43.1 / 1.697	
24	46.6 / 1.835	
28	53.4 / 2.102	
32	60.1 / 2.366	
36	66.3 / 2.610	
40	72.4 / 2.850	

DIMENSIONS IN ITALIC ARE INCHES.
* CONSULT FACTORY

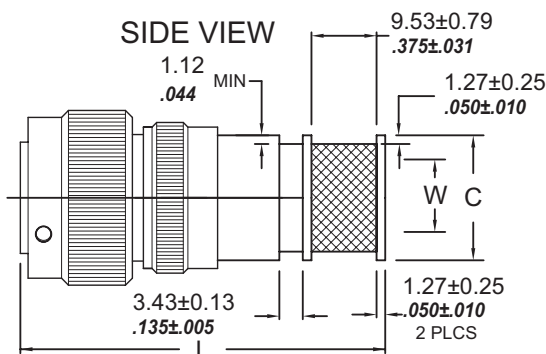
TABLE 2: CABLE RANGE CODE

(XX) CABLE CODE	TYPE	P CABLE RANGE	A WRENCH FLATS
SPB07R	PG7	2.0-5.0 / 0.08-0.20	15.0 / 0.591
SPB07	PG7	3.0-6.5 / 0.12-0.26	15.0 / 0.591
SPB09R	PG9	2.0-6.0 / 0.08-0.24	19.0 / 0.748
SPB09	PG9	4.0-8.0 / 0.16-0.31	19.0 / 0.748
SPB11R	PG11	3.0-7.0 / 0.12-0.28	22.0 / 0.866
SPB11	PG11	5.0-10.0 / 0.20-0.39	22.0 / 0.866
SPB13R	PG13.5	5.0-9.0 / 0.20-0.35	24.0 / 0.945
SPB13	PG13.5	6.0-12.0 / 0.24-0.47	24.0 / 0.945
SPB16R	PG16	7.0-12.0 / 0.28-0.47	27.0 / 1.063
SPB16	PG16	10.0-14.0 / 0.39-0.55	27.0 / 1.063
SPB21R	PG21	9.0-16.0 / 0.35-0.63	33.0 / 1.299
SPB21	PG21	13.0-18.0 / 0.51-0.71	33.0 / 1.299
SPB29R	PG29	12.0-20.0 / 0.47-0.79	42.0 / 1.654
SPB29	PG29	18.0-25.0 / 0.71-0.98	42.0 / 1.654
SPB36R	PG36	20.0-26.0 / 0.79-1.02	53.0 / 2.087
SPB36	PG36	22.0-32.0 / 0.87-1.26	53.0 / 2.087
SPB42	PG42	30.0-38.0 / 1.18-1.50	60.0 / 2.362
SPB48	PG48	34.0-44.0 / 1.34-1.73	65.0 / 2.559

FRONT VIEW



SIDE VIEW



SCPB06STG* Environmental, no grommet with spin coupling nut backshell
SCPB06ST* Environmental with grommet with spin coupling nut backshell

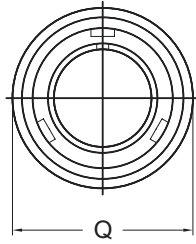
	FRONT VIEW	SIDE VIEW		
SHELL SIZE	Q MAX	C MAX	L MAX	W MIN
10SL	22.8 / 0.898	12.70 / 0.500	61.0 / 2.400	7.92 / 0.312
14S	29.2 / 1.150	16.00 / 0.630	61.6 / 2.425	11.18 / 0.440
16S	33.0 / 1.299	17.78 / 0.700	61.0 / 2.400	12.70 / 0.500
16	33.0 / 1.299	17.78 / 0.700	66.7 / 2.625	12.70 / 0.500
18	36.5 / 1.437	20.57 / 0.810	66.7 / 2.625	15.87 / 0.625
20	39.9 / 1.571	20.57 / 0.810	66.7 / 2.625	15.87 / 0.625
22	43.1 / 1.697	22.10 / 0.870	66.7 / 2.625	17.53 / 0.690
24	46.6 / 1.835	23.87 / 0.940	68.6 / 2.700	19.05 / 0.750
28	53.4 / 2.102	26.90 / 1.060	68.6 / 2.700	22.23 / 0.875
32	60.1 / 2.366	CONSULT SALES	CONSULT SALES	CONSULT SALES
36	66.3 / 2.610			
40	72.4 / 2.850			

DIMENSIONS IN ITALIC ARE INCHES.

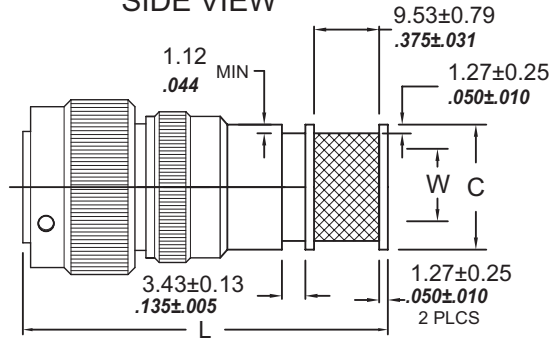
STRAIGHT PLUG

06SUG*/06SU*

FRONT VIEW



SIDE VIEW



SCPBO6SUG*
SCPBO6SU*

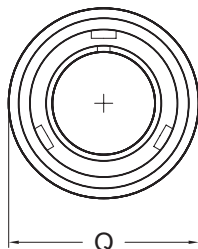
Environmental, no grommet with solid backshell
Environmental with grommet with solid backshell

SHELL SIZE	FRONT VIEW	SIDE VIEW			
	Q MAX	C MAX	L MAX	W MIN	
10SL	22.8 / 0.898	12.70 / 0.500	61.0 / 2.400	7.92 / 0.312	
14S	29.2 / 1.150	16.00 / 0.630	61.6 / 2.425	11.18 / 0.440	
16S	33.0 / 1.299	17.78 / 0.700	61.0 / 2.400	12.70 / 0.500	
16	33.0 / 1.299	17.78 / 0.700	66.7 / 2.625	12.70 / 0.500	
18	36.5 / 1.437	20.57 / 0.810	66.7 / 2.625	15.87 / 0.625	
20	39.9 / 1.571	20.57 / 0.810	66.7 / 2.625	15.87 / 0.625	
22	43.1 / 1.697	22.10 / 0.870	66.7 / 2.625	17.53 / 0.690	
24	46.6 / 1.835	23.87 / 0.940	68.6 / 2.700	19.05 / 0.750	
28	53.4 / 2.102	26.90 / 1.060	68.6 / 2.700	22.23 / 0.875	
32	60.1 / 2.366	CONSULT SALES	CONSULT SALES	CONSULT SALES	
36	66.3 / 2.610				
40	72.4 / 2.850				

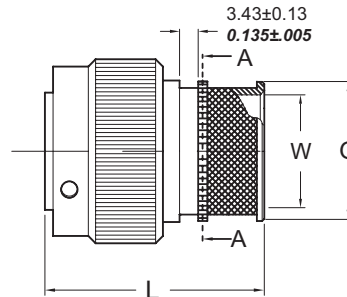
DIMENSIONS IN ITALIC ARE INCHES.

06SV*

FRONT VIEW



SIDE VIEW



SHELL SIZES:
10SL, 14S & 16S
6.35±0.13
0.250±.005
FOR .125 BAND

SHELL SIZES:
16-40
9.14±0.13
0.360±.005
FOR .240 BAND

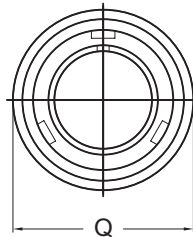
SCPBO6SV* Environmental, no grommet
SCPBGO6SV* Environmental, no grommet with grounding spring

SHELL SIZE	FRONT VIEW	SIDE VIEW				
	Q MAX	G	L MAX	W MIN	X ±0.4/±.016	
		±0.2 / ±.008			.240 BAND	.125 BAND
10SL	22.8 / 0.898	16.1 / 0.632	35.56 / 1.400	12.1 / 0.475	-	7.9 / 0.310
14S	29.2 / 1.150	19.2 / 0.755	35.56 / 1.400	15.4 / 0.605	-	7.9 / 0.310
16S	33.0 / 1.299	22.4 / 0.880	35.56 / 1.400	18.7 / 0.735	-	7.9 / 0.310
16	33.0 / 1.299	22.4 / 0.880	43.82 / 1.725	18.7 / 0.735	4.7 / 0.185	-
18	36.5 / 1.437	25.5 / 1.005	43.82 / 1.725	21.9 / 0.860	4.7 / 0.185	-
20	39.9 / 1.571	28.7 / 1.130	43.82 / 1.725	24.8 / 0.975	4.7 / 0.185	-
22	43.1 / 1.697	31.9 / 1.255	43.82 / 1.725	28.1 / 1.105	4.7 / 0.185	-
24	46.6 / 1.835	35.1 / 1.380	43.82 / 1.725	31.2 / 1.230	4.7 / 0.185	-
28	53.4 / 2.102	41.4 / 1.630	43.82 / 1.725	35.9 / 1.415	4.7 / 0.185	-
32	60.1 / 2.366	47.8 / 1.880	43.82 / 1.725	43.1 / 1.695	4.7 / 0.185	-
36	66.3 / 2.610	52.5 / 2.067	43.82 / 1.725	48.0 / 1.890	4.7 / 0.185	-
40	72.4 / 2.850	58.9 / 2.317	43.82 / 1.725	53.8 / 2.120	4.7 / 0.185	-

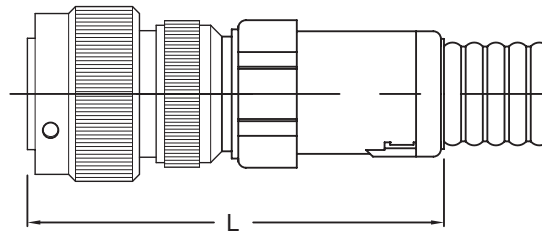
DIMENSIONS IN ITALIC ARE INCHES.



FRONT VIEW



SIDE VIEW



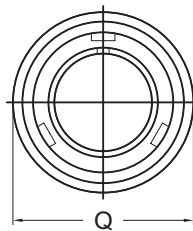
SCPB06TRAC* Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW
	Q MAX	L
10SL	22.8 / 0.898	* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.
14S	29.2 / 1.150	
16S	33.0 / 1.299	
16	33.0 / 1.299	
18	36.5 / 1.437	
20	39.9 / 1.571	
22	43.1 / 1.697	
24	46.6 / 1.835	
28	53.4 / 2.102	
32	60.1 / 2.366	
36	66.3 / 2.610	
40	72.4 / 2.850	

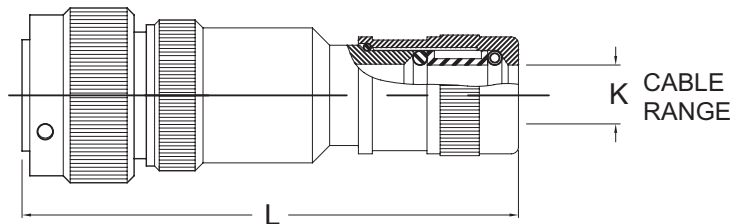
DIMENSIONS IN ITALIC ARE INCHES.

06WK*/06WKG*

FRONT VIEW



SIDE VIEW



SCPB06WK* Environmental with grommet
SCPB06WKG* Environmental, no grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW
	Q MAX	L ¹ MAX
10SL	22.8 / 0.898	111 / 4.370
14S	29.2 / 1.150	112 / 4.409
16S	33.0 / 1.299	100 / 3.937
16	33.0 / 1.299	110 / 4.331
18	36.5 / 1.437	127 / 5.000
20	39.9 / 1.571	127 / 5.000
22	43.1 / 1.697	133 / 5.236
24	46.6 / 1.835	134 / 5.276
28	53.4 / 2.102	134 / 5.276
32	60.1 / 2.366	136 / 5.354
36	66.3 / 2.610	136 / 5.354
40	72.4 / 2.850	136 / 5.354

DIMENSIONS IN ITALIC ARE INCHES.

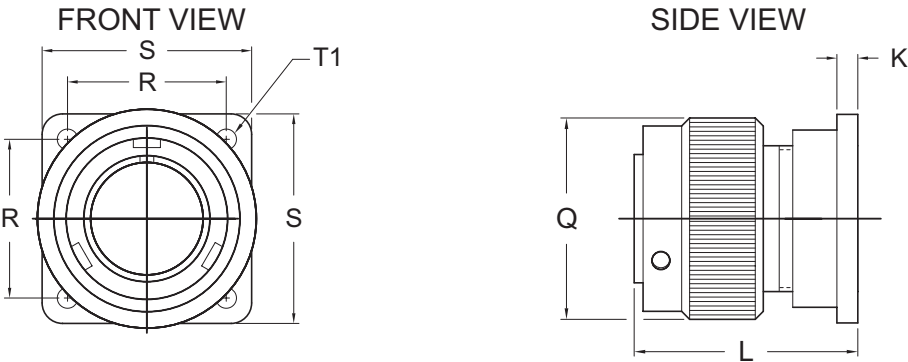
1. DIMENSION L WILL VARY FROM THE VALUES INDICATED WITH ESCALATING OR DE-ESCALATING BACKSHELLS AND SOME SPECIAL INSERT CONFIGURATIONS.

(**) CABLE RANGE CODE	K	
	MIN	MAX
01	1.59 / 0.063	3.18 / 0.125
02	3.18 / 0.125	6.35 / 0.250
03	6.35 / 0.250	9.53 / 0.375
04	9.53 / 0.375	12.70 / 0.500
05	12.70 / 0.500	15.88 / 0.625
06	15.88 / 0.625	19.05 / 0.750
07	19.05 / 0.750	22.23 / 0.875
08	22.23 / 0.875	25.40 / 1.000
09	25.40 / 1.000	28.58 / 1.125
10	28.58 / 1.125	31.75 / 1.250
11	31.75 / 1.250	34.93 / 1.375
12	34.93 / 1.375	38.10 / 1.500
13	38.10 / 1.500	41.23 / 1.623
14	41.23 / 1.623	44.45 / 1.750
15	44.45 / 1.750	47.63 / 1.875
16	47.63 / 1.875	50.80 / 2.000

(**) Cable Range must be specified as part of the connector part number using Cable Range Code.

PANEL MOUNT PLUG

064PP*

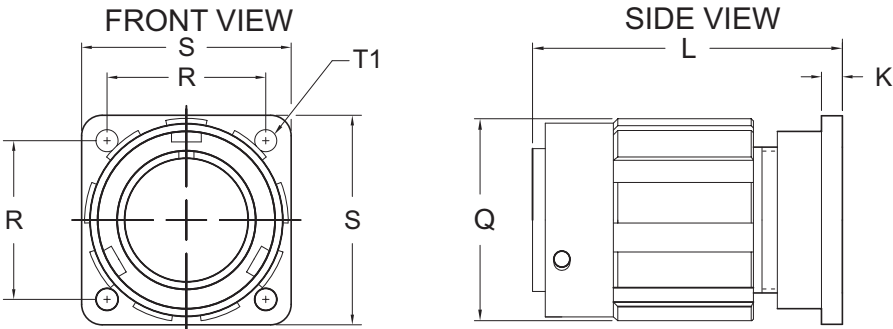


SCPB064PP* Environmental when used with sealing gasket

SHELL SIZE	FRONT VIEW			SIDE VIEW		
	R ±0.1/ ±.004	S ±0.8/ ±.031	T1 +0.2/ +.008 -0.1/ -.004	K +0.5/ +.020 -0.2/ -.008	L MAX.	Q MAX.
10SL	18.2/ 0.717	25.4/ 1.000	3.2/ 0.126	2.8/ 0.110	29.9/ 1.177	22.8 / 0.898
14S	23.0/ 0.906	30.0/ 1.181	3.2/ 0.126	3.2/ 0.126	29.9/ 1.177	29.2 / 1.150
16S	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	3.2/ 0.126	35.1/ 1.382	33.0 / 1.299
16	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	3.2/ 0.126	35.1/ 1.382	33.0 / 1.299
18	27.0/ 1.063	35.0/ 1.378	3.2/ 0.126	3.2/ 0.126	40.2/ 1.583	36.5 / 1.437
20	29.4/ 1.157	38.0/ 1.496	3.2/ 0.126	3.2/ 0.126	43.8/ 1.724	39.9 / 1.571
22	31.8/ 1.252	41.0/ 1.614	3.2/ 0.126	3.8/ 0.150	43.8/ 1.724	43.1 / 1.697
24	34.9/ 1.374	44.5/ 1.752	3.7/ 0.146	3.8/ 0.150	43.8/ 1.724	46.6 / 1.835
28	39.7/ 1.563	50.8/ 2.000	3.7/ 0.146	4.0/ 0.157	44.0/ 1.732	53.4 / 2.102
32	44.5/ 1.752	57.0/ 2.244	4.3/ 0.169	4.0/ 0.157	45.1/ 1.776	60.1 / 2.366
36	49.2/ 1.937	63.5/ 2.500	4.3/ 0.169	4.0/ 0.157	45.1/ 1.776	66.3 / 2.610
40	55.5/ 2.185	69.9/ 2.752	5.2/ 0.205	4.0/ 0.157	45.1/ 1.776	72.4 / 2.850

DIMENSIONS IN ITALIC ARE INCHES.

064PPFR*



SCPB064PPFR* Environmental when used with sealing gasket.

EXAMPLE PART NUMBER: SCPB064PPFR*

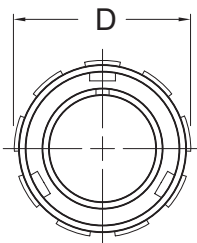
FINISH: BLACK ANODIZE

CONTACTS: F80 SILVER PLATED CRIMP CONTACTS

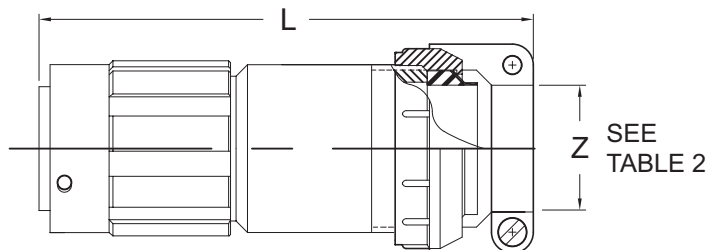
SHELL SIZE	FRONT VIEW			SIDE VIEW		
	R ±0.1/ ±.004	S ±0.8/ ±.031	T1 +0.2/ +.008 -0.1/ -.004	K +0.5/ +.020 -0.2/ -.008	L MAX.	Q MAX.
10SL	18.2/ 0.717	25.4/ 1.000	3.2/ 0.126	2.8/ 0.110	29.9/ 1.177	25.3/ 0.996
14S	23.0/ 0.906	30.0/ 1.181	3.2/ 0.126	3.2/ 0.126	29.9/ 1.177	31.7/ 1.248
16S	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	3.2/ 0.126	35.1/ 1.382	35.9/ 1.413
16	24.6/ 0.969	32.5/ 1.280	3.2/ 0.126	3.2/ 0.126	35.1/ 1.382	35.9/ 1.413
18	27.0/ 1.063	35.0/ 1.378	3.2/ 0.126	3.2/ 0.126	40.2/ 1.583	39.5/ 1.555
20	29.4/ 1.157	38.0/ 1.496	3.2/ 0.126	3.2/ 0.126	43.8/ 1.724	42.9/ 1.689
22	31.8/ 1.252	41.0/ 1.614	3.2/ 0.126	3.8/ 0.150	43.8/ 1.724	46.1/ 1.815
24	34.9/ 1.374	44.5/ 1.752	3.7/ 0.146	3.8/ 0.150	43.8/ 1.724	49.5/ 1.949
28	39.7/ 1.563	50.8/ 2.000	3.7/ 0.146	4.0/ 0.157	44.0/ 1.732	56.9/ 2.240
32	44.5/ 1.752	57.0/ 2.244	4.3/ 0.169	4.0/ 0.157	45.1/ 1.776	63.7/ 2.508
36	49.2/ 1.937	63.5/ 2.500	4.3/ 0.169	4.0/ 0.157	45.1/ 1.776	70.1/ 2.760
40	55.5/ 2.185	69.9/ 2.752	5.2/ 0.205	4.0/ 0.157	45.1/ 1.776	75.7/ 2.980

DIMENSIONS IN ITALIC ARE INCHES.

FRONT VIEW



SIDE VIEW



EXAMPLE PART NUMBER: SCPB065FR24-28P-08C

FINISH: BLACK ANODIZE

CONTACTS: F80 SILVER PLATED CRIMP CONTACTS

SEE TABLE 2 BELOW
(04C THRU 32C)

TABLE 1

	FRONT VIEW	SIDE VIEW
SHELL SIZE	D DIA. MAX.	L
10SL	25.3/ <i>0.996</i>	* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.
14S	31.7/ <i>1.248</i>	
16S	35.9/ <i>1.413</i>	
16	35.9/ <i>1.413</i>	
18	39.5/ <i>1.555</i>	
20	42.9/ <i>1.689</i>	
22	46.1/ <i>1.815</i>	
24	49.5/ <i>1.949</i>	
28	56.9/ <i>2.240</i>	
32	63.7/ <i>2.508</i>	
36	70.1/ <i>2.760</i>	
40	75.7/ <i>2.980</i>	

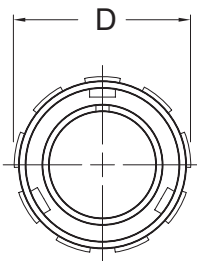
* CONSULT FACTORY

TABLE 2: CLAMP CODE

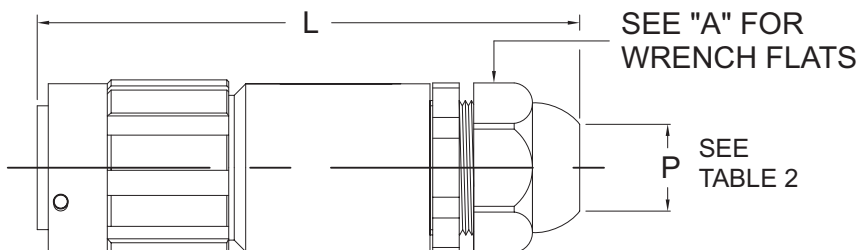
(XX) CLAMP CODE	Z - CABLE RANGE	
	OPEN	CLOSED
04C	7.92/ <i>0.312</i>	2.40/ <i>0.094</i>
06C	11.12/ <i>0.438</i>	5.84/ <i>0.230</i>
08C	13.48/ <i>0.531</i>	8.0/ <i>0.315</i>
10C	15.87/ <i>0.625</i>	9.6/ <i>0.378</i>
12C	19.00/ <i>0.748</i>	11.3/ <i>0.445</i>
16C	23.80/ <i>0.937</i>	15.5/ <i>0.610</i>
20C	31.75/ <i>1.250</i>	23.4/ <i>0.921</i>
24C	35.00/ <i>1.378</i>	23.4/ <i>0.921</i>
28C	41.25/ <i>1.624</i>	29.9/ <i>1.177</i>
32C	47.60/ <i>1.874</i>	34.9/ <i>1.374</i>

DIMENSIONS IN ITALIC ARE INCHES.

FRONT VIEW



SIDE VIEW



EXAMPLE PART NUMBER: SCPB065FR24-28P-11R

FINISH: BLACK ANODIZE

CONTACTS: F80 SILVER PLATED CRIMP CONTACTS

SEE TABLE 2 BELOW
(07R THRU 48)

TABLE 1

	FRONT VIEW	SIDE VIEW
SHELL SIZE	D DIA. MAX.	L
10SL	25.3/ <i>0.996</i>	* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.
14S	31.7/ <i>1.248</i>	
16S	35.9/ <i>1.413</i>	
16	35.9/ <i>1.413</i>	
18	39.5/ <i>1.555</i>	
20	42.9/ <i>1.689</i>	
22	46.1/ <i>1.815</i>	
24	49.5/ <i>1.949</i>	
28	56.9/ <i>2.240</i>	
32	63.7/ <i>2.508</i>	
36	70.1/ <i>2.760</i>	
40	75.7/ <i>2.980</i>	

DIMENSIONS IN ITALIC ARE INCHES.

* CONSULT FACTORY

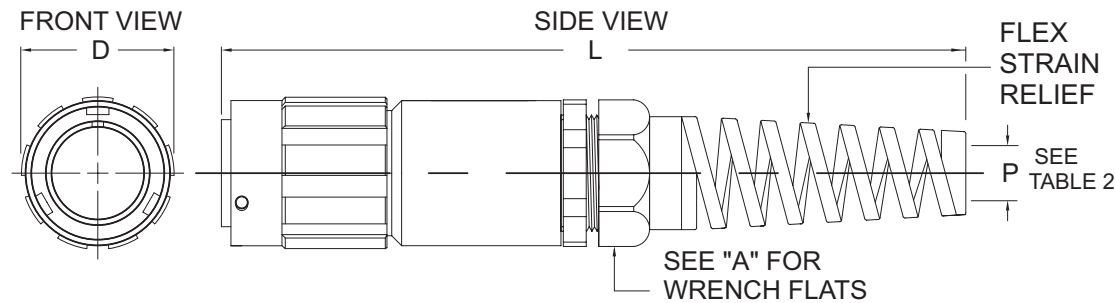
TABLE 2: CLAMP CODE

(XX) CABLE CODE	TYPE	P CABLE RANGE	A WRENCH FLATS
NO STRAIN RELIEF			
07R	PG7	2.0-5.0 / <i>0.08-0.20</i>	15.0 / <i>0.591</i>
07	PG7	3.0-6.5 / <i>0.12-0.26</i>	15.0 / <i>0.591</i>
09R	PG9	2.0-6.0 / <i>0.08-0.24</i>	19.0 / <i>0.748</i>
09	PG9	4.0-8.0 / <i>0.16-0.31</i>	19.0 / <i>0.748</i>
11R	PG11	3.0-7.0 / <i>0.12-0.28</i>	22.0 / <i>0.866</i>
11	PG11	5.0-10.0 / <i>0.20-0.39</i>	22.0 / <i>0.866</i>
13R	PG13.5	5.0-9.0 / <i>0.20-0.35</i>	24.0 / <i>0.945</i>
13	PG13.5	6.0-12.0 / <i>0.24-0.47</i>	24.0 / <i>0.945</i>
16R	PG16	7.0-12.0 / <i>0.28-0.47</i>	27.0 / <i>1.063</i>
16	PG16	10.0-14.0 / <i>0.39-0.55</i>	27.0 / <i>1.063</i>
21R	PG21	9.0-16.0 / <i>0.35-0.63</i>	33.0 / <i>1.299</i>
21	PG21	13.0-18.0 / <i>0.51-0.71</i>	33.0 / <i>1.299</i>
29R	PG29	12.0-20.0 / <i>0.47-0.79</i>	42.0 / <i>1.654</i>
29	PG29	18.0-25.0 / <i>0.71-0.98</i>	42.0 / <i>1.654</i>
36R	PG36	20.0-26.0 / <i>0.79-1.02</i>	53.0 / <i>2.087</i>
36	PG36	22.0-32.0 / <i>0.87-1.26</i>	53.0 / <i>2.087</i>
42	PG42	30.0-38.0 / <i>1.18-1.50</i>	60.0 / <i>2.362</i>
48	PG48	34.0-44.0 / <i>1.34-1.73</i>	65.0 / <i>2.559</i>



STRAIGHT PLUG

065FR**(SPB)



EXAMPLE PART NUMBER: SCPB065FR24-28P-SPB16R

FINISH: BLACK ANODIZE
CONTACTS: F80 SILVER PLATED CRIMP CONTACTS
SEE TABLE 2 BELOW (04C THRU 32C)

TABLE 1

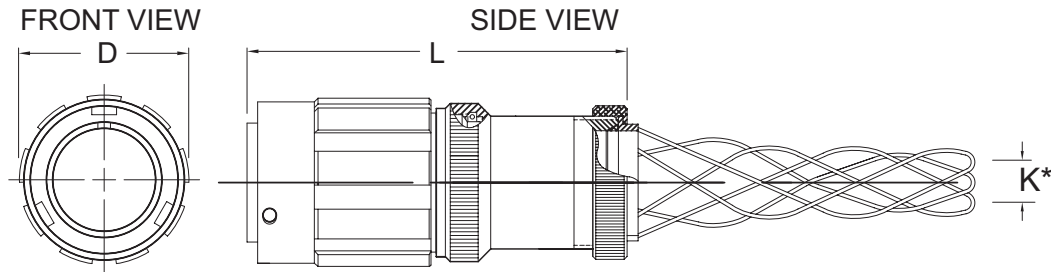
	FRONT VIEW	SIDE VIEW
SHELL SIZE	D DIA. MAX.	L
10SL	25.3 / 0.996	* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.
14S	31.7 / 1.248	
16S	35.9 / 1.413	
16	35.9 / 1.413	
18	39.5 / 1.555	
20	42.9 / 1.689	
22	46.1 / 1.815	
24	49.5 / 1.949	
28	56.9 / 2.240	
32	63.7 / 2.508	
36	70.1 / 2.760	
40	75.7 / 2.980	

DIMENSIONS IN ITALIC ARE INCHES.
* CONSULT FACTORY

TABLE 2: CABLE RANGE CODE

(XX) CABLE CODE	TYPE	P CABLE RANGE	A WRENCH FLATS
FLEX STRAIN RELIEF			
SPB07R	PG7	2.0-5.0 / 0.08-0.20	15.0 / 0.591
SPB07	PG7	3.0-6.5 / 0.12-0.26	15.0 / 0.591
SPB09R	PG9	2.0-6.0 / 0.08-0.24	19.0 / 0.748
SPB09	PG9	4.0-8.0 / 0.16-0.31	19.0 / 0.748
SPB11R	PG11	3.0-7.0 / 0.12-0.28	22.0 / 0.866
SPB11	PG11	5.0-10.0 / 0.20-0.39	22.0 / 0.866
SPB13R	PG13.5	5.0-9.0 / 0.20-0.35	24.0 / 0.945
SPB13	PG13.5	6.0-12.0 / 0.24-0.47	24.0 / 0.945
SPB16R	PG16	7.0-12.0 / 0.28-0.47	27.0 / 1.063
SPB16	PG16	10.0-14.0 / 0.39-0.55	27.0 / 1.063
SPB21R	PG21	9.0-16.0 / 0.35-0.63	33.0 / 1.299
SPB21	PG21	13.0-18.0 / 0.51-0.71	33.0 / 1.299
SPB29R	PG29	12.0-20.0 / 0.47-0.79	42.0 / 1.654
SPB29	PG29	18.0-25.0 / 0.71-0.98	42.0 / 1.654
SPB36R	PG36	20.0-26.0 / 0.79-1.02	53.0 / 2.087
SPB36	PG36	22.0-32.0 / 0.87-1.26	53.0 / 2.087
SPB42	PG42	30.0-38.0 / 1.18-1.50	60.0 / 2.362
SPB48	PG48	34.0-44.0 / 1.34-1.73	65.0 / 2.559

065LCG*/065LC*



SCPB065LCG* Non-environmental, no grommet
SCPB065LC* Environmental with grommet

	FRONT VIEW	SIDE VIEW
SHELL SIZE	D DIA. MAX.	L MAX
10SL	25.3 / 0.996	100 / 3.937
14S	31.7 / 1.248	100 / 3.937
16S	35.9 / 1.413	100 / 3.937
16	35.9 / 1.413	110 / 4.331
18	39.5 / 1.555	110 / 4.331
20	42.9 / 1.689	116 / 4.567
22	46.1 / 1.815	116 / 4.567
24	49.5 / 1.949	120 / 4.724
28	56.9 / 2.240	129 / 5.079
32	63.7 / 2.508	145 / 5.709
36	70.1 / 2.760	145 / 5.709
40	75.7 / 2.980	145 / 5.709

DIMENSIONS IN ITALIC ARE INCHES.
1. DIMENSION L WILL VARY FROM THE VALUES INDICATED WITH ESCALATING OR DE-ESCALATING BACKSHELLS AND SOME SPECIAL INSERT CONFIGURATIONS.

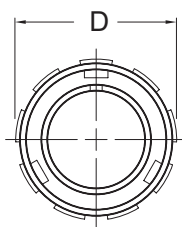
K*	CABLE RANGE	
	MIN	MAX
K0	6.35 / 0.250	9.53 / 0.375
K1	9.53 / 0.375	12.70 / 0.500
K2	12.70 / 0.500	15.87 / 0.625
K3	15.87 / 0.625	19.05 / 0.750
K4	19.05 / 0.750	22.23 / 0.875
K5	22.23 / 0.875	25.40 / 1.000
K6	25.40 / 1.000	28.45 / 1.120
K7	28.45 / 1.120	31.75 / 1.250
K8	32.77 / 1.290	38.10 / 1.500
K9	39.62 / 1.560	41.28 / 1.625
K10	41.28 / 1.625	44.45 / 1.750

STRAIGHT PLUG

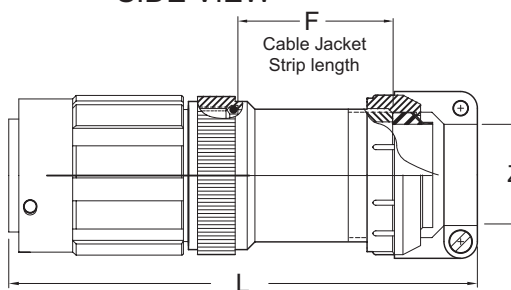
065LCF*/065LCFZ*

1C

FRONT VIEW



SIDE VIEW



SCPB065LCF* Non-environmental, no grommet
SCPB065LCFZ* Environmental with grommet

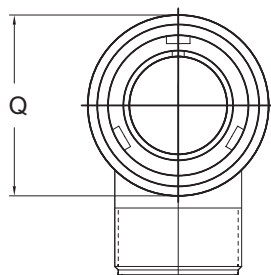
SHELL SIZE	FRONT VIEW	SIDE VIEW			
		F REF	L MAX	Z	
				OPEN	CLOSED
10SL	25.3 / 0.996	42.0 / 1.654	101 / 3.976	7.93 / 0.312	2.38 / 0.094
14S	31.7 / 1.248	42.6 / 1.677	101 / 3.976	11.12 / 0.438	5.84 / 0.230
16S	35.9 / 1.413	42.6 / 1.677	101 / 3.976	13.48 / 0.531	8.0 / 0.315
16	35.9 / 1.413	42.6 / 1.677	114 / 4.488	13.48 / 0.531	8.0 / 0.315
18	39.5 / 1.555	45.8 / 1.803	119 / 4.685	15.87 / 0.625	9.6 / 0.378
20	42.9 / 1.689	45.9 / 1.807	119 / 4.685	19.00 / 0.748	11.3 / 0.445
22	46.1 / 1.815	45.9 / 1.807	119 / 4.685	19.00 / 0.748	11.3 / 0.445
24	49.5 / 1.949	44.5 / 1.752	124 / 4.882	23.80 / 0.937	15.5 / 0.610
28	56.9 / 2.240	49.5 / 1.949	130 / 5.118	23.80 / 0.937	15.5 / 0.610
32	63.7 / 2.508	49.6 / 1.953	137 / 5.394	31.75 / 1.250	23.4 / 0.921
36	70.1 / 2.760	50.0 / 1.969	144 / 5.669	35.00 / 1.378	23.4 / 0.921
40	75.7 / 2.980	50.0 / 1.969	144 / 5.669	41.25 / 1.624	29.9 / 1.177

DIMENSIONS IN ITALIC ARE INCHES.

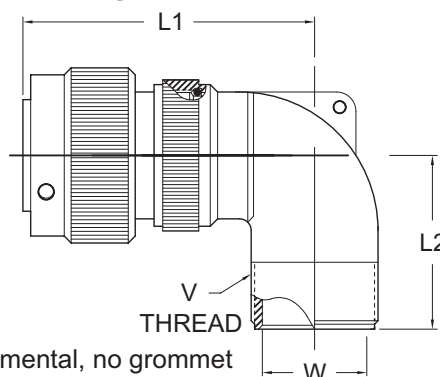
90° PLUG

08A*/08R*

FRONT VIEW



SIDE VIEW



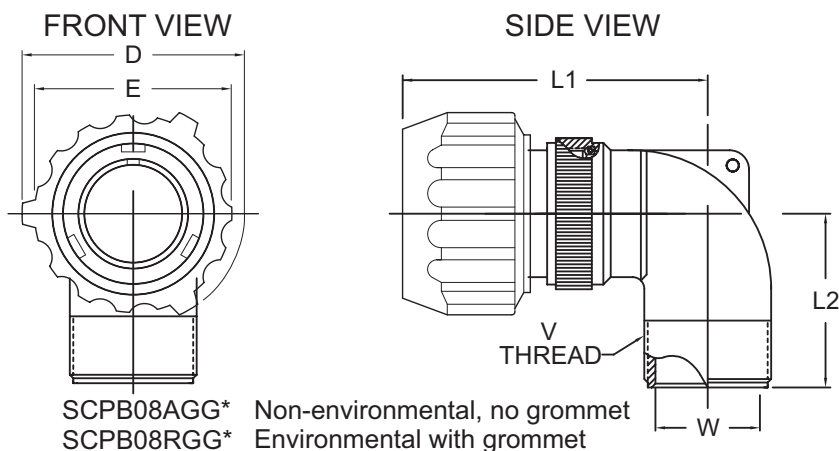
SCPB08A* Non-environmental, no grommet
SCPB08R* Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW			
	Q MAX	L1 MAX	L2 MAX	V THREAD CLASS 2A	W MIN
10SL	22.8 / 0.898	45 / 1.772	30 / 1.181	5/8-24 UNEF	8.5 / 0.335
14S	29.2 / 1.150	47 / 1.850	30 / 1.181	3/4-20 UNEF	12.0 / 0.472
16S	32.0 / 1.260	48 / 1.890	30 / 1.181	7/8-20 UNEF	14.5 / 0.571
16	32.0 / 1.260	57 / 2.244	30 / 1.181	7/8-20 UNEF	14.5 / 0.571
18	36.5 / 1.437	58 / 2.283	35 / 1.378	1-20 UNEF	17.5 / 0.689
20	39.9 / 1.571	61 / 2.402	35 / 1.378	1 3/16-18 UNEF	19.5 / 0.768
22	43.1 / 1.697	61 / 2.402	35 / 1.378	1 3/16-18 UNEF	22.0 / 0.866
24	46.6 / 1.835	66 / 2.598	40 / 1.575	1 7/16-18 UNEF	25.0 / 0.984
28	53.4 / 2.102	66 / 2.598	40 / 1.575	1 7/16-18 UNEF	29.0 / 1.142
32	60.1 / 2.366	72 / 2.835	45 / 1.772	1 3/4-18 UNS	34.0 / 1.339
36	66.3 / 2.610	75 / 2.953	50 / 1.969	2-18 UNS	38.5 / 1.516
40	72.4 / 2.850	78 / 3.071	55 / 2.165	2 1/4-16 UN	48.0 / 1.890

DIMENSIONS IN ITALIC ARE INCHES.

90° PLUG

08AGG*/08RGG*

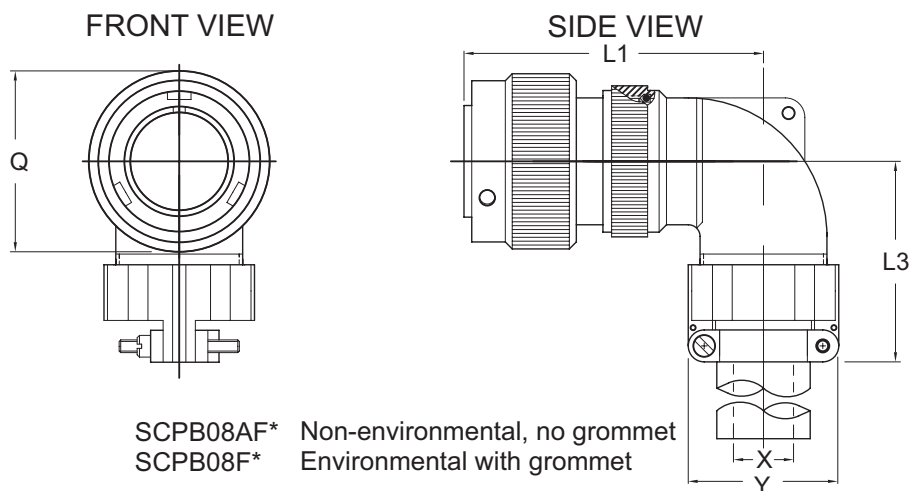


SHELL SIZE	FRONT VIEW		SIDE VIEW			
	D	E	L1	L2	V THREAD CLASS 2A	W
	DIA.	DIA.	MAX	MAX		MIN
10SL	33.5 / 1.319	28.5 / 1.122	48.6 / 1.912	30 / 1.181	5/8-24 UNEF	8.5 / 0.335
14S	40.2 / 1.583	32.5 / 1.280	50.5 / 1.990	30 / 1.181	3/4-20 UNEF	12.0 / 0.472
16S	* / *	* / *	51.6 / 2.030	30 / 1.181	7/8-20 UNEF	14.5 / 0.571
16	* / *	* / *	60.6 / 2.384	30 / 1.181	7/8-20 UNEF	14.5 / 0.571
18	49.0 / 1.929	43.5 / 1.713	61.5 / 2.423	35 / 1.378	1-20 UNEF	17.5 / 0.689
20	51.5 / 2.028	46.0 / 1.811	64.6 / 2.542	35 / 1.378	1 3/16-18 UNEF	19.5 / 0.768
22	56.5 / 2.224	50.5 / 1.988	64.6 / 2.542	35 / 1.378	1 3/16-18 UNEF	22.0 / 0.866
24	60.0 / 2.362	54.0 / 2.126	69.5 / 2.738	40 / 1.575	1 7/16-18 UNEF	25.0 / 0.984
28	67.0 / 2.638	61.0 / 2.402	69.5 / 2.738	40 / 1.575	1 7/16-18 UNEF	29.0 / 1.142
32	76.0 / 2.992	67.6 / 2.661	75.6 / 2.975	45 / 1.772	1 3/4-18 UNS	34.0 / 1.339
36	82.3 / 3.240	74.3 / 2.925	78.6 / 3.093	50 / 1.969	2-18 UNS	38.5 / 1.516
40	88.0 / 3.465	80.0 / 3.150	81.6 / 3.211	55 / 2.165	2 1/4-16 UN	48.0 / 1.890

DIMENSIONS IN ITALIC ARE INCHES.

* CONSULT FACTORY FOR DIMENSIONS.

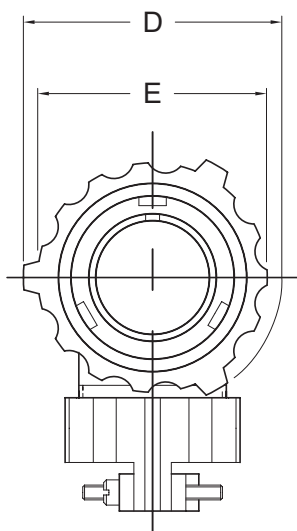
08AF*/08F*



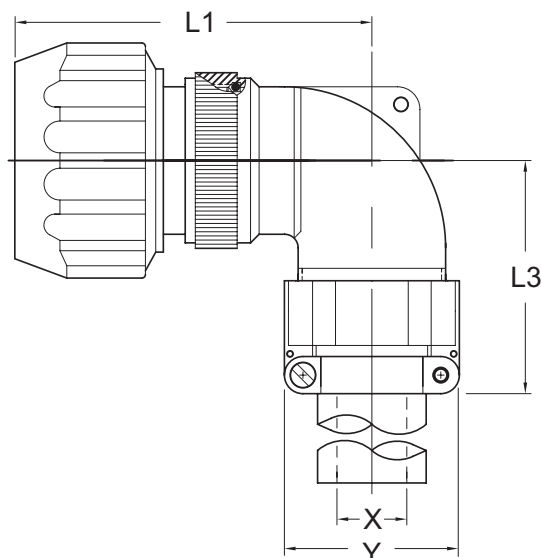
SHELL SIZE	FRONT VIEW	SIDE VIEW			
	Q	L1	L3	X	Y
	MAX	MAX	MAX	MIN	MAX
10SL	22.8 / 0.898	45 / 1.772	42 / 1.654	6.5 / 0.256	22.7 / 0.894
14S	29.2 / 1.150	47 / 1.850	42 / 1.654	9.0 / 0.354	27.5 / 1.083
16S	32.0 / 1.260	48 / 1.890	45 / 1.772	11.0 / 0.433	30.0 / 1.181
16	32.0 / 1.260	57 / 2.244	45 / 1.772	11.0 / 0.433	30.0 / 1.181
18	36.5 / 1.437	58 / 2.283	53 / 2.087	14.2 / 0.559	32.2 / 1.268
20	39.9 / 1.571	61 / 2.402	53 / 2.087	15.8 / 0.622	37.5 / 1.476
22	43.1 / 1.697	61 / 2.402	53 / 2.087	15.8 / 0.622	37.5 / 1.476
24	46.6 / 1.835	66 / 2.598	58 / 2.283	21.4 / 0.843	43.3 / 1.705
28	53.4 / 2.102	66 / 2.598	58 / 2.283	21.4 / 0.843	43.3 / 1.705
32	60.1 / 2.366	72 / 2.835	66 / 2.598	26.7 / 1.051	51.7 / 2.035
36	66.3 / 2.610	75 / 2.953	69 / 2.717	31.7 / 1.248	58.0 / 2.283
40	72.4 / 2.850	78 / 3.071	95 / 3.740	34.9 / 1.374	65.5 / 2.579

DIMENSIONS IN ITALIC ARE INCHES.

FRONT VIEW



SIDE VIEW



SCP B08AFGG* Non-environmental, no grommet
 SCP B08FGG* Environmental with grommet

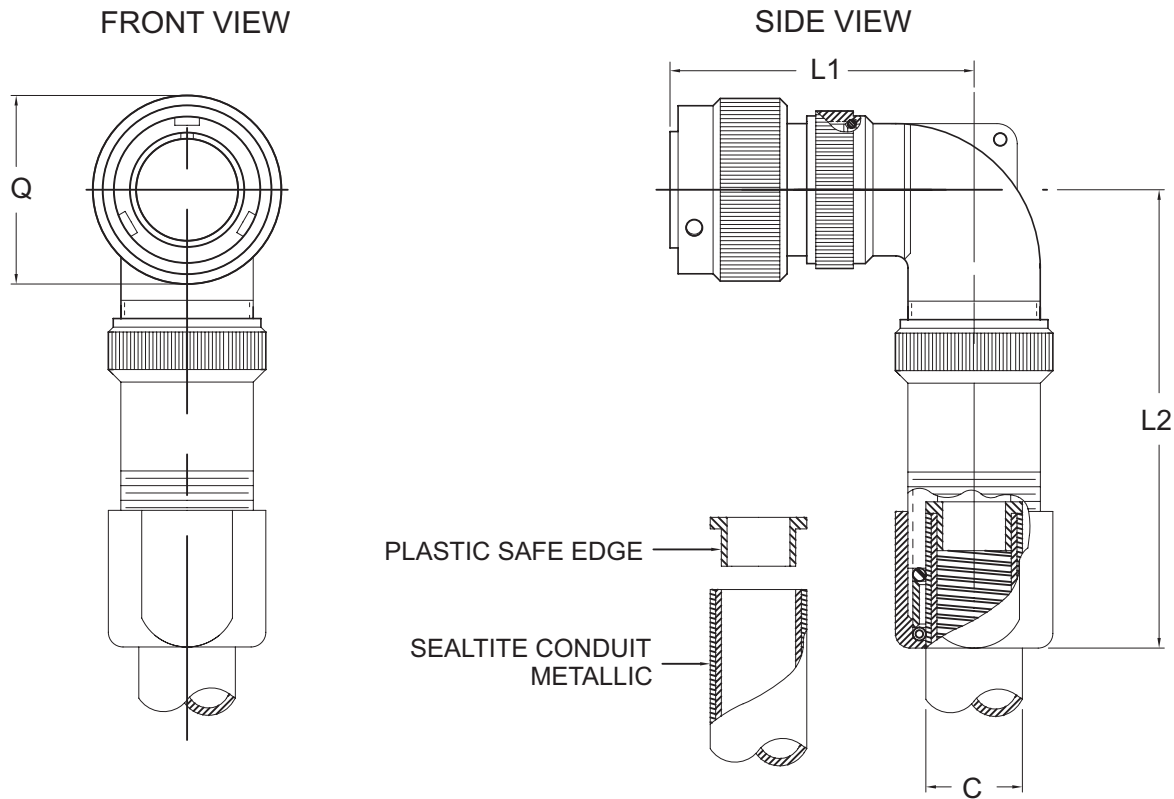
SHELL SIZE	FRONT VIEW		SIDE VIEW			
	D DIA.	E DIA.	L1 MAX	L3 MAX	X MIN	Y MAX
10SL	33.5 / 1.319	28.5 / 1.122	48.6 / 1.912	42 / 1.654	6.5 / 0.256	22.7 / 0.894
14S	40.2 / 1.583	32.5 / 1.280	50.5 / 1.990	42 / 1.654	9.0 / 0.354	27.5 / 1.083
16S	* / *	* / *	51.6 / 2.030	45 / 1.772	11.0 / 0.433	30.0 / 1.181
16	* / *	* / *	60.6 / 2.384	45 / 1.772	11.0 / 0.433	30.0 / 1.181
18	49.0 / 1.929	43.5 / 1.713	61.5 / 2.423	53 / 2.087	14.2 / 0.559	32.2 / 1.268
20	51.5 / 2.028	46.0 / 1.811	64.6 / 2.542	53 / 2.087	15.8 / 0.622	37.5 / 1.476
22	56.5 / 2.224	50.5 / 1.988	64.6 / 2.542	53 / 2.087	15.8 / 0.622	37.5 / 1.476
24	60.0 / 2.362	54.0 / 2.126	69.5 / 2.738	58 / 2.283	21.4 / 0.843	43.3 / 1.705
28	67.0 / 2.638	61.0 / 2.402	69.5 / 2.738	58 / 2.283	21.4 / 0.843	43.3 / 1.705
32	76.0 / 2.992	67.6 / 2.661	75.6 / 2.975	66 / 2.598	26.7 / 1.051	51.7 / 2.035
36	82.3 / 3.240	74.3 / 2.925	78.6 / 3.093	69 / 2.717	31.7 / 1.248	58.0 / 2.283
40	88.0 / 3.465	80.0 / 3.150	81.6 / 3.211	95 / 3.740	34.9 / 1.374	65.5 / 2.579

DIMENSIONS IN ITALIC ARE INCHES.

* CONSULT FACTORY FOR DIMENSIONS.

90° PLUG

08ARK*/08RK*



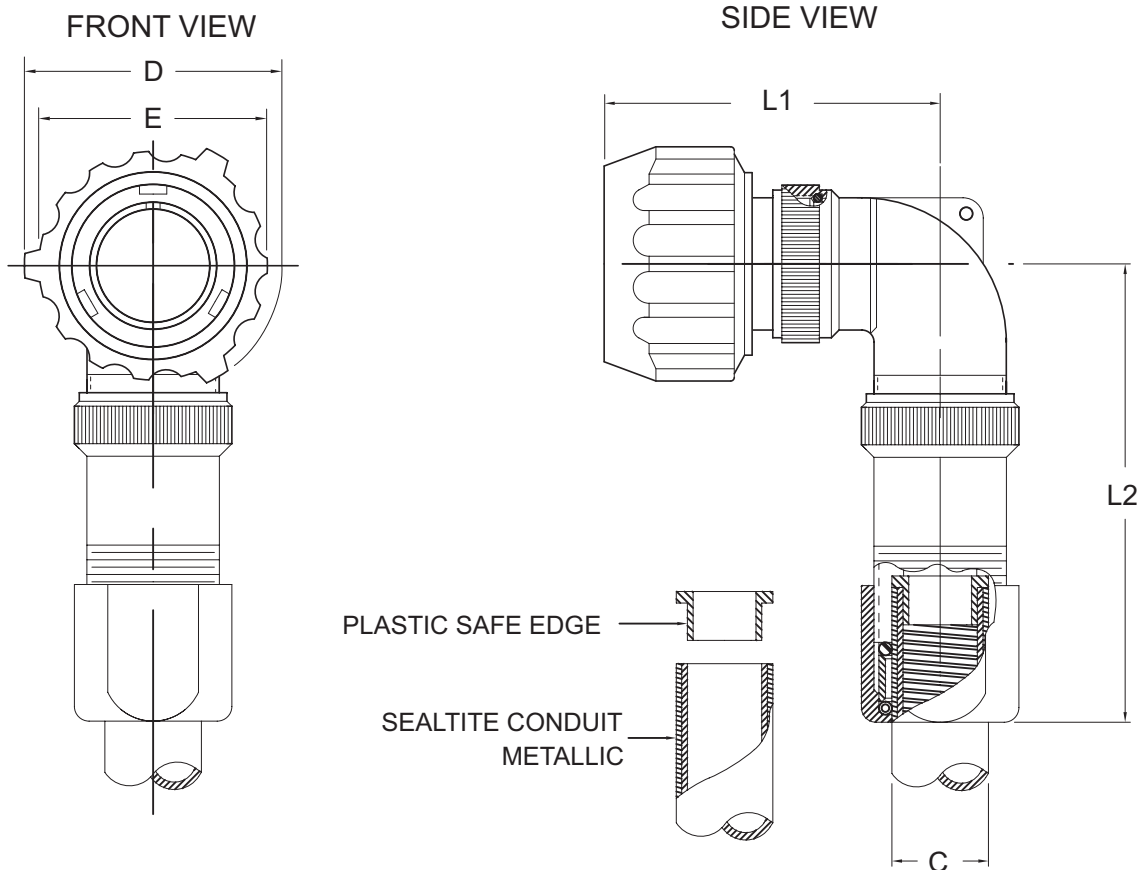
SCPB08ARK* Environmental, no grommet
SCPB08RK* Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW	
	Q MAX	L1 MAX	L2
10SL	22.8/ <i>0.898</i>	45/ <i>1.772</i>	Dimension L2 is dependent on conduit size used with each shell size. (consult factory)
14S	29.2/ <i>1.150</i>	47/ <i>1.850</i>	
16S	32.0/ <i>1.260</i>	48/ <i>1.890</i>	
16	32.0/ <i>1.260</i>	57/ <i>2.244</i>	
18	36.5/ <i>1.437</i>	58/ <i>2.283</i>	
20	39.9/ <i>1.571</i>	61/ <i>2.402</i>	
22	43.1/ <i>1.697</i>	61/ <i>2.402</i>	
24	46.6/ <i>1.835</i>	66/ <i>2.598</i>	
28	53.4/ <i>2.102</i>	66/ <i>2.598</i>	
32	60.1/ <i>2.366</i>	72/ <i>2.835</i>	
36	66.3/ <i>2.610</i>	75/ <i>2.953</i>	
40	72.4/ <i>2.850</i>	78/ <i>3.071</i>	

DIMENSIONS IN ITALIC ARE INCHES.

CODE (***)	AVAILABLE CONDUIT SIZES C
(038)	9.52 / <i>3/8</i>
(050)	12.70 / <i>1/2</i>
(075)	19.05 / <i>3/4</i>
(100)	25.40 / <i>1</i>
(125)	31.75 / <i>1 1/4</i>
(150)	38.10 / <i>1 1/2</i>
(200)	50.80 / <i>2</i>

(***) Conduit Size must
be specified as part of
the connector part
number using Conduit
Code



SCPB08ARKGG* Environmental, no grommet
 SCPB08RKGG* Environmental with grommet

SHELL SIZE	FRONT VIEW		SIDE VIEW	
	D DIA.	E DIA.	L1 MAX	L2
10SL	33.5 / 1.319	28.5 / 1.122	48.6 / 1.912	Dimension L2 is dependent on conduit size used with each shell size. (consult factory)
14S	40.2 / 1.583	32.5 / 1.280	50.5 / 1.990	
16S	* / *	* / *	51.6 / 2.030	
16	* / *	* / *	60.6 / 2.384	
18	49.0 / 1.929	43.5 / 1.713	61.5 / 2.423	
20	51.5 / 2.028	46.0 / 1.811	64.6 / 2.542	
22	56.5 / 2.224	50.5 / 1.988	64.6 / 2.542	
24	60.0 / 2.362	54.0 / 2.126	69.5 / 2.738	
28	67.0 / 2.638	61.0 / 2.402	69.5 / 2.738	
32	76.0 / 2.992	67.6 / 2.661	75.6 / 2.975	
36	82.3 / 3.240	74.3 / 2.925	78.6 / 3.093	
40	88.0 / 3.465	80.0 / 3.150	81.6 / 3.211	

AVAILABLE CONDUIT SIZES C	CODE (***)
9.52 / 3/8	(038)
12.70 / 1/2	(050)
19.05 / 3/4	(075)
25.40 / 1	(100)
31.75 / 1 1/4	(125)
38.10 / 1 1/2	(150)
50.80 / 2	(200)

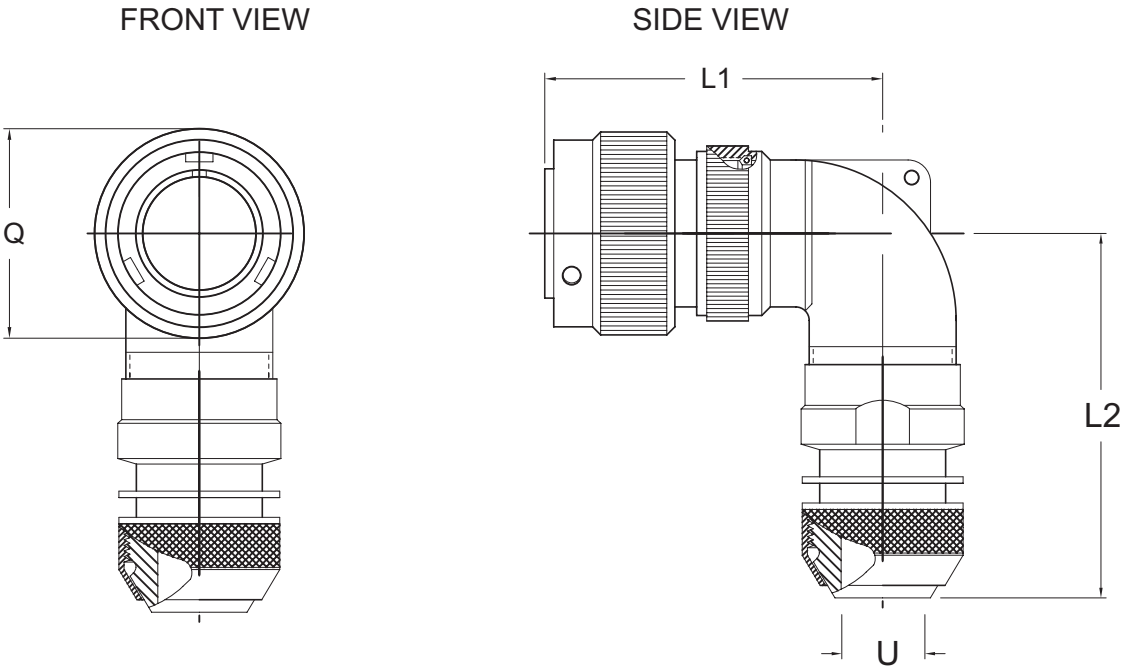
(***) Conduit Size must be specified as part of the connector part number using Conduit Code

DIMENSIONS IN ITALIC ARE INCHES.

* CONSULT FACTORY FOR DIMENSIONS.

90° PLUG

08SB*

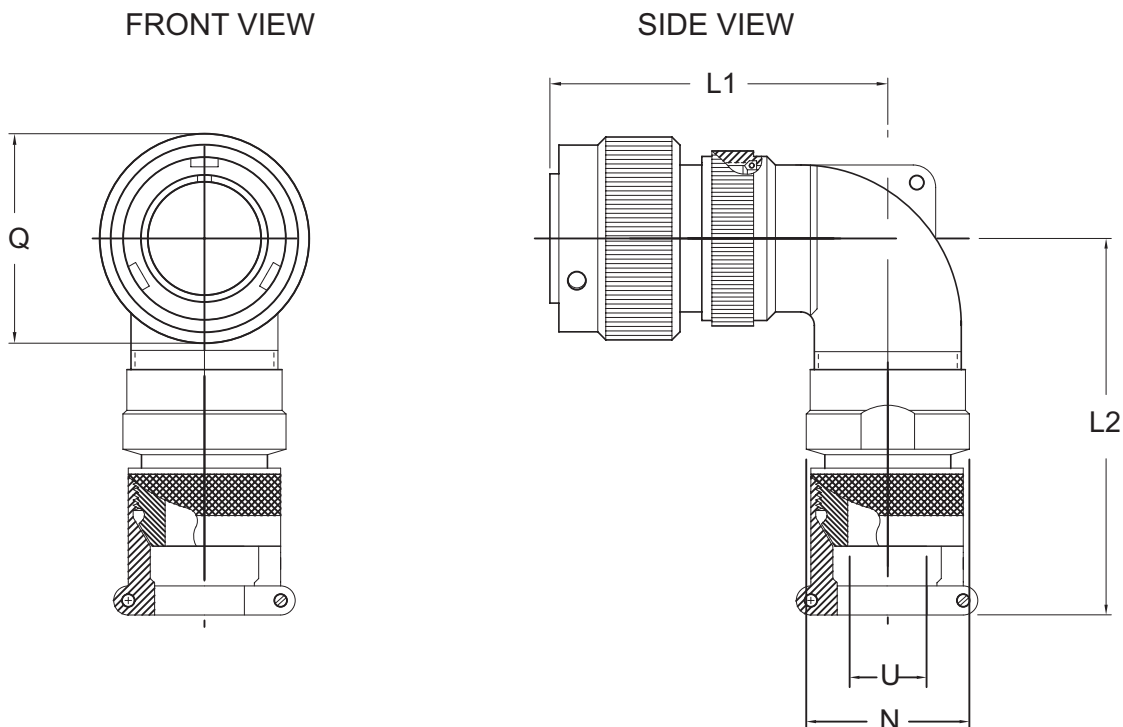


SCPB08SB* Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW		
	Q MAX	L1 MAX	L2	U MIN
10SL	22.8 / 0.898	45 / 1.772	Dimension L2 is dependent of shield size used with each shell size. (consult factory)	8.6 / 0.339
14S	29.2 / 1.150	47 / 1.850		10.6 / 0.417
16S	32.0 / 1.260	48 / 1.890		13.5 / 0.531
16	32.0 / 1.260	57 / 2.244		13.5 / 0.531
18	36.5 / 1.437	58 / 2.283		14.6 / 0.575
20	39.9 / 1.571	61 / 2.402		18.5 / 0.728
22	43.1 / 1.697	61 / 2.402		20.8 / 0.819
24	46.6 / 1.835	66 / 2.598		24.6 / 0.969
28	53.4 / 2.102	66 / 2.598		27.0 / 1.063
32	60.1 / 2.366	72 / 2.835		33.3 / 1.311
36	66.3 / 2.610	75 / 2.953		38.5 / 1.516
40	72.4 / 2.850	78 / 3.071		46.0 / 1.811

DIMENSIONS IN ITALIC ARE INCHES.

CS230



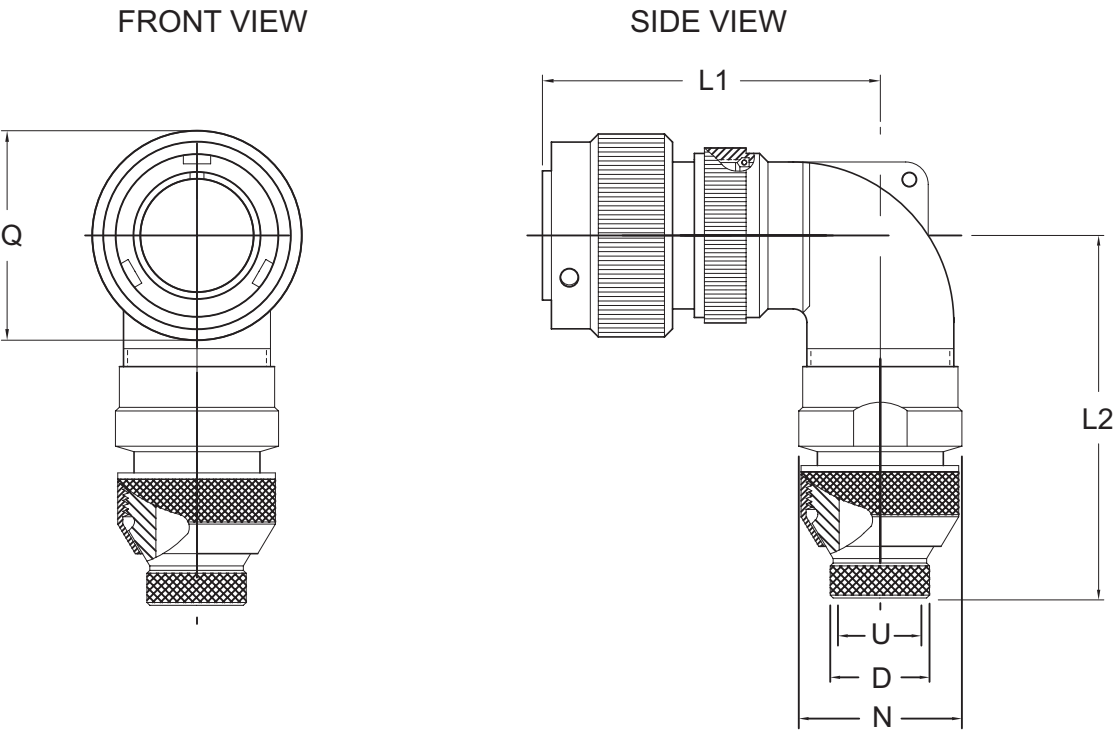
SCPB08ASBF* Environmental, no grommet
 SCPB08SBF* Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW			
	Q MAX	N MAX	L1 MAX	L2	U MIN
10SL	22.8 / 0.898	22 / 0.866	45 / 1.772	Dimension L2 is dependent of shield size used with each shell size. (consult factory)	8.6 / 0.339
14S	29.2 / 1.150	25 / 0.984	47 / 1.850		10.6 / 0.417
16S	32.0 / 1.260	28 / 1.102	48 / 1.890		13.5 / 0.531
16	32.0 / 1.260	28 / 1.102	57 / 2.244		13.5 / 0.531
18	36.5 / 1.437	31 / 1.220	58 / 2.283		14.6 / 0.575
20	39.9 / 1.571	35 / 1.378	61 / 2.402		18.5 / 0.728
22	43.1 / 1.697	38 / 1.496	61 / 2.402		20.8 / 0.819
24	46.6 / 1.835	41 / 1.614	66 / 2.598		24.6 / 0.969
28	53.4 / 2.102	48 / 1.890	66 / 2.598		27.0 / 1.063
32	60.1 / 2.366	54 / 2.126	72 / 2.835		33.3 / 1.311
36	66.3 / 2.610	61 / 2.402	75 / 2.953		38.5 / 1.516
40	72.4 / 2.850	68 / 2.677	78 / 3.071		46.0 / 1.811

DIMENSIONS IN ITALIC ARE INCHES.

90° PLUG

08ASBT*/08SBT*



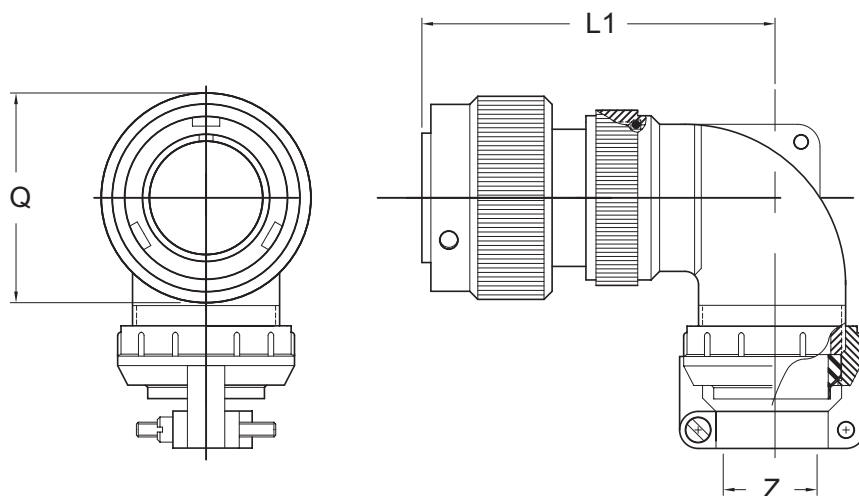
SCPB08ASBT* Environmental, no grommet
SCPB08SBT* Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW				
	Q MAX	D MAX	N MAX	L1 MAX	L2	U MIN
10SL	22.8 / <i>0.898</i>	11.1 / <i>0.437</i>	22 / <i>0.866</i>	45 / <i>1.772</i>	Dimension L2 is dependent of shield size used with each shell size. (consult factory)	7.6 / <i>0.299</i>
14S	29.2 / <i>1.150</i>	14.3 / <i>0.563</i>	25 / <i>0.984</i>	47 / <i>1.850</i>		10.8 / <i>0.425</i>
16S	32.0 / <i>1.260</i>	15.9 / <i>0.626</i>	28 / <i>1.102</i>	48 / <i>1.890</i>		12.4 / <i>0.488</i>
16	32.0 / <i>1.260</i>	15.9 / <i>0.626</i>	28 / <i>1.102</i>	57 / <i>2.244</i>		12.4 / <i>0.488</i>
18	36.5 / <i>1.437</i>	19.1 / <i>0.752</i>	31 / <i>1.220</i>	58 / <i>2.283</i>		15.6 / <i>0.614</i>
20	39.9 / <i>1.571</i>	22.3 / <i>0.878</i>	35 / <i>1.378</i>	61 / <i>2.402</i>		18.7 / <i>0.736</i>
22	43.1 / <i>1.697</i>	25.4 / <i>1.000</i>	38 / <i>1.496</i>	61 / <i>2.402</i>		21.9 / <i>0.862</i>
24	46.6 / <i>1.835</i>	28.6 / <i>1.126</i>	41 / <i>1.614</i>	66 / <i>2.598</i>		25.1 / <i>0.988</i>
28	53.4 / <i>2.102</i>	31.8 / <i>1.252</i>	48 / <i>1.890</i>	66 / <i>2.598</i>		28.3 / <i>1.114</i>
32	60.1 / <i>2.366</i>	36.6 / <i>1.440</i>	54 / <i>2.126</i>	72 / <i>2.835</i>		28.3 / <i>1.114</i>
36	66.3 / <i>2.610</i>	44.5 / <i>1.752</i>	61 / <i>2.402</i>	75 / <i>2.953</i>		41.0 / <i>1.614</i>
40	72.4 / <i>2.850</i>	50.8 / <i>2.000</i>	68 / <i>2.677</i>	78 / <i>3.071</i>		40.6 / <i>1.600</i>

DIMENSIONS IN ITALIC ARE INCHES.

FRONT VIEW

SIDE VIEW



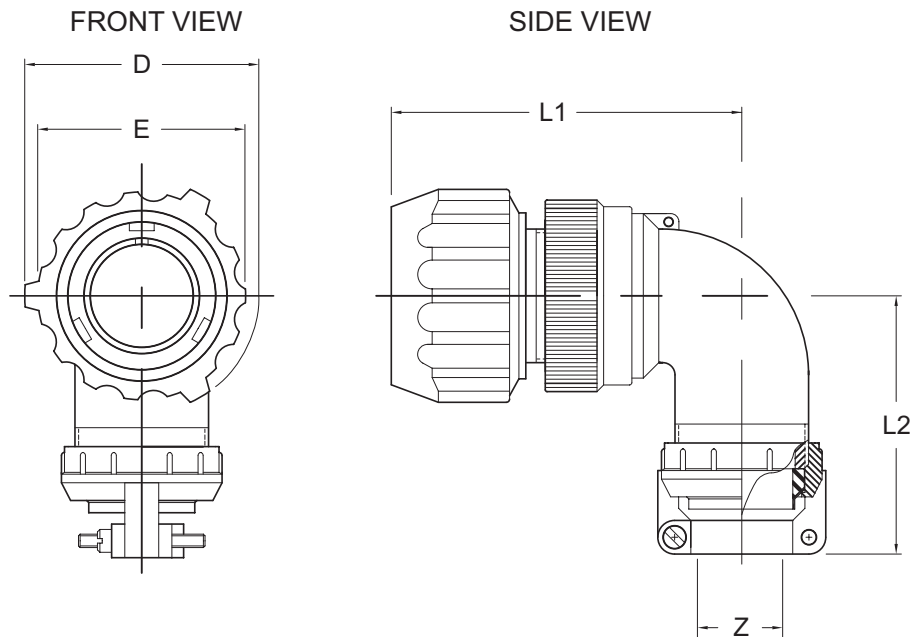
SCPB08CF* Environmental, no grommet
SCPB08CFZ* Environmental with grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW		
	Q	L1	Z	
	MAX	MAX	OPEN	CLOSED
10SL	22.8 / 0.898	45 / 1.772	7.93/ 0.312	2.38/ 0.094
14S	29.2 / 1.150	47 / 1.850	11.12/ 0.438	5.84/ 0.230
16S	32.0 / 1.260	48 / 1.890	13.48/ 0.531	8.0/ 0.315
16	32.0 / 1.260	57 / 2.244	13.48/ 0.531	8.0/ 0.315
18	36.5 / 1.437	58 / 2.283	15.87/ 0.625	9.6/ 0.378
20	39.9 / 1.571	61 / 2.402	19.00/ 0.748	11.3/ 0.445
22	43.1 / 1.697	61 / 2.402	19.00/ 0.748	11.3/ 0.445
24	46.6 / 1.835	66 / 2.598	23.80/ 0.937	15.5/ 0.610
28	53.4 / 2.102	66 / 2.598	23.80/ 0.937	15.5/ 0.610
32	60.1 / 2.366	72 / 2.835	31.75/ 1.250	23.4/ 0.921
36	66.3 / 2.610	75 / 2.953	35.00/ 1.378	23.4/ 0.921
40	72.4 / 2.850	78 / 3.071	41.25/ 1.624	29.9/ 1.177

DIMENSIONS IN ITALIC ARE INCHES.

90° PLUG

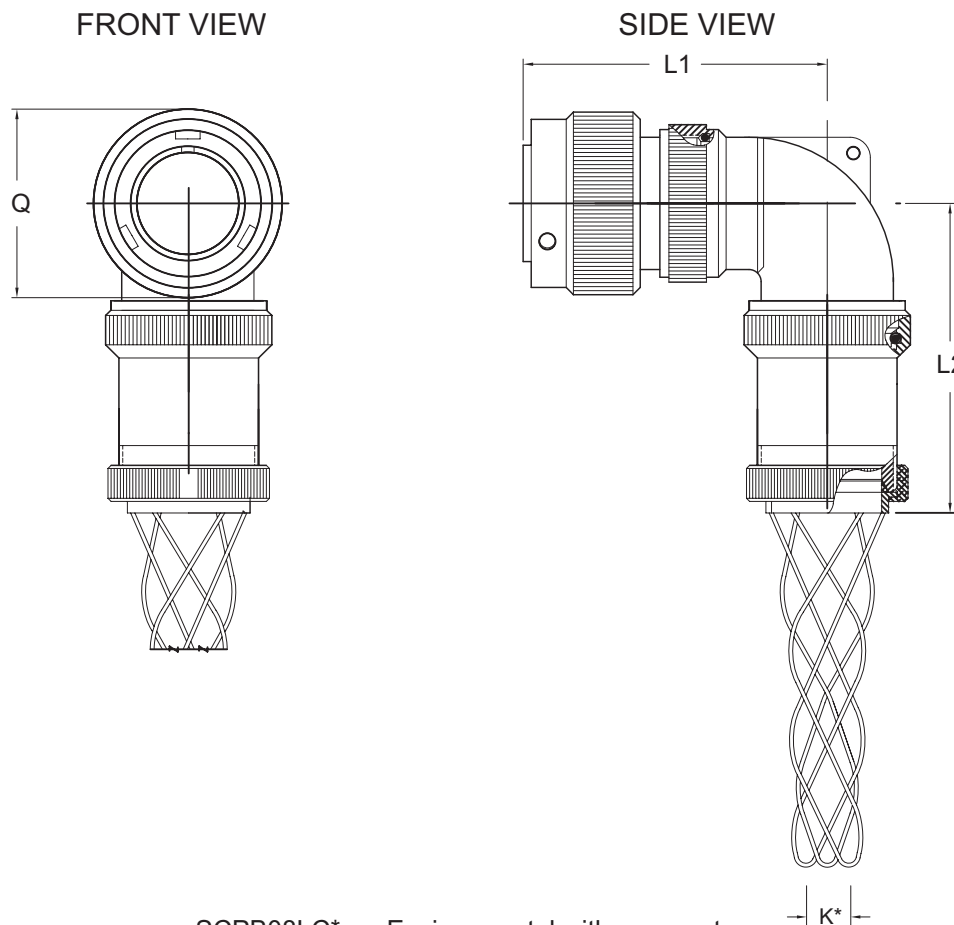
08CFGG*/08CFZGG*



SCPB08CFGG* Environmental, no grommet
SCPB08CFZGG* Environmental with grommet

SHELL SIZE	FRONT VIEW		SIDE VIEW			
	D	E	L1	L2	Z	
	DIA.	DIA.	MAX.	MAX.	OPEN	CLOSED
10SL	33.5 / 1.319	28.5 / 1.122	48.6/ 1.912	61 / 2.402	7.93/ 0.312	2.38/ 0.094
14S	40.2 / 1.583	32.5 / 1.280	50.5/ 1.990	61 / 2.402	11.12/ 0.438	5.84/ 0.230
16S	* / *	* / *	* / *	* / *	13.48/ 0.531	8.0/ 0.315
16	* / *	* / *	* / *	* / *	13.48/ 0.531	8.0/ 0.315
18	49.0 / 1.929	43.5 / 1.713	61.5/ 2.423	68 / 2.677	15.87/ 0.625	9.6/ 0.378
20	51.5 / 2.028	46.0 / 1.811	64.6/ 2.542	68 / 2.677	19.00/ 0.748	11.3/ 0.445
22	56.5 / 2.224	50.5 / 1.988	64.6/ 2.542	68 / 2.677	19.00/ 0.748	11.3/ 0.445
24	60.0 / 2.362	54.0 / 2.126	69.5/ 2.738	76 / 2.992	23.80/ 0.937	15.5/ 0.610
28	67.0 / 2.638	61.0 / 2.402	69.5/ 2.738	76 / 2.992	23.80/ 0.937	15.5/ 0.610
32	76.0 / 2.992	67.6 / 2.661	75.6/ 2.975	87 / 3.425	31.75/ 1.250	23.4/ 0.921
36	82.3 / 3.240	74.3 / 2.925	78.6/ 3.093	98 / 3.858	35.00/ 1.378	23.4/ 0.921
40	88.0 / 3.465	80.0 / 3.150	81.6/ 3.211	103 / 4.055	41.25/ 1.624	29.9/ 1.177

DIMENSIONS IN ITALIC ARE INCHES.
* CONSULT FACTORY FOR DIMENSIONS.



SCPB08LC* Environmental with grommet
SCPB08LCG* Environmental less grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW	
	Q MAX	L1 MAX	L2 MAX
10SL	22.8 / 0.898	45 / 1.772	100 / 3.937
14S	29.2 / 1.150	47 / 1.850	100 / 3.937
16S	32.0 / 1.260	48 / 1.890	100 / 3.937
16	32.0 / 1.260	57 / 2.244	110 / 4.331
18	36.5 / 1.437	58 / 2.283	110 / 4.331
20	39.9 / 1.571	61 / 2.402	116 / 4.567
22	43.1 / 1.697	61 / 2.402	116 / 4.567
24	46.6 / 1.835	66 / 2.598	120 / 4.724
28	53.4 / 2.102	66 / 2.598	129 / 5.079
32	60.1 / 2.366	72 / 2.835	145 / 5.709
36	66.3 / 2.610	75 / 2.953	145 / 5.709
40	72.4 / 2.850	78 / 3.071	145 / 5.709

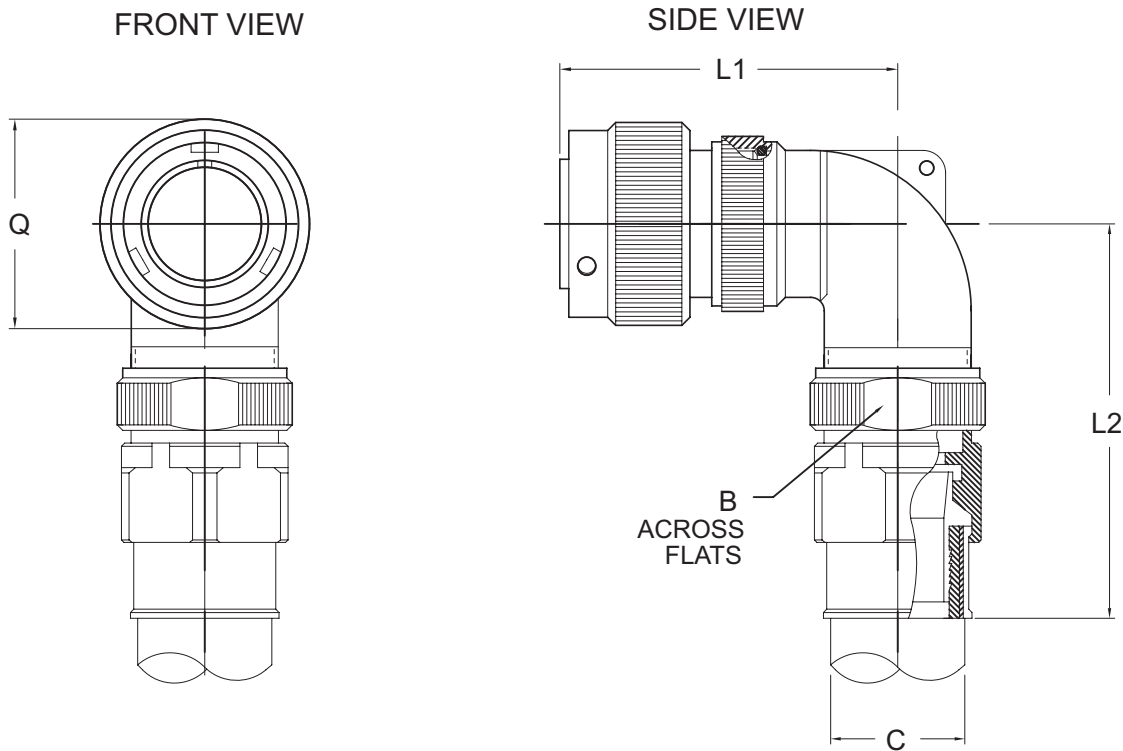
K*	CABLE RANGE	
	MIN	MAX
K0	6.35 / 0.250	9.53 / 0.375
K1	9.53 / 0.375	12.70 / 0.500
K2	12.70 / 0.500	15.87 / 0.625
K3	15.87 / 0.625	19.05 / 0.750
K4	19.05 / 0.750	22.23 / 0.875
K5	22.23 / 0.875	25.40 / 1.000
K6	25.40 / 1.000	28.45 / 1.120
K7	28.45 / 1.120	31.75 / 1.250
K8	32.77 / 1.290	38.10 / 1.500
K9	39.62 / 1.560	41.28 / 1.625
K10	41.28 / 1.625	44.45 / 1.750

DIMENSIONS IN ITALIC ARE INCHES.

1. DIMENSION L2 WILL VARY FROM THE VALUES INDICATED WITH ESCALATING OR DE-ESCALATING BACKSHELLS AND SOME SPECIAL INSERT CONFIGURATIONS.

90° PLUG

08NM*/08NMG*



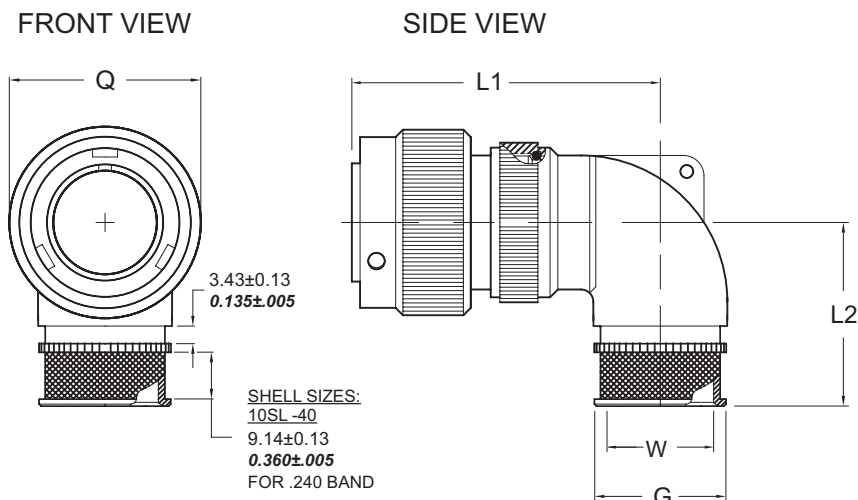
SCPB08NM* Environmental with grommet
SCPB08NMG* Environmental, no grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW		
	Q MAX	B ACROSS FLATS	L1 MAX	L2
10SL	22.8 / <i>0.898</i>	17.8 / <i>0.701</i>	45 / <i>1.772</i>	Dimension L2 is dependent on conduit size used with each shell size. (consult factory)
14S	29.2 / <i>1.150</i>	23.8 / <i>0.937</i>	47 / <i>1.850</i>	
16S	32.0 / <i>1.260</i>	25.4 / <i>1.000</i>	48 / <i>1.890</i>	
16	32.0 / <i>1.260</i>	25.4 / <i>1.000</i>	57 / <i>2.244</i>	
18	36.5 / <i>1.437</i>	28.6 / <i>1.126</i>	58 / <i>2.283</i>	
20	39.9 / <i>1.571</i>	31.7 / <i>1.248</i>	61 / <i>2.402</i>	
22	43.1 / <i>1.697</i>	34.9 / <i>1.374</i>	61 / <i>2.402</i>	
24	46.6 / <i>1.835</i>	38.1 / <i>1.500</i>	66 / <i>2.598</i>	
28	53.4 / <i>2.102</i>	44.4 / <i>1.748</i>	66 / <i>2.598</i>	
32	60.1 / <i>2.366</i>	50.8 / <i>2.000</i>	72 / <i>2.835</i>	
36	66.3 / <i>2.610</i>	57.1 / <i>2.248</i>	75 / <i>2.953</i>	
40	72.4 / <i>2.850</i>	61.9 / <i>2.437</i>	78 / <i>3.071</i>	

DIMENSIONS IN ITALIC ARE INCHES.

CODE (***)	AVAILABLE CONDUIT SIZES C
(038)	9.52 / 3/8
(050)	12.70 / 1/2
(075)	19.05 / 3/4
(100)	25.40 / 1
(125)	31.75 / 1 1/4
(150)	38.10 / 1 1/2
(200)	50.80 / 2

(***) Conduit Size must
be specified as part of
the connector part
number using Conduit
Code



SCPB08SV* Environmental, no grommet

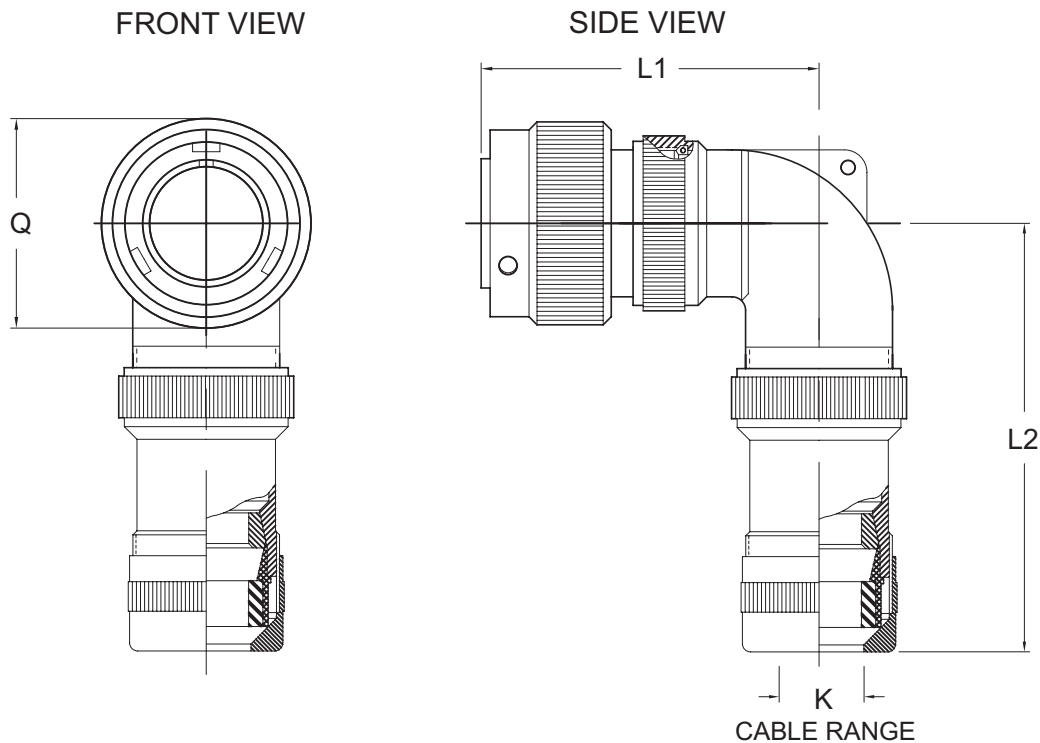
SCPBG08SV* Environmental, no grommet
with grounding spring

SHELL SIZE	FRONT VIEW	SIDE VIEW			
	Q MAX	L1 MAX	L2 MAX	G MAX	W MIN
10SL	22.8/ 0.898	45.0/ 1.772	30.0/ 1.181	15.29/ 0.602	10.77/ 0.424
14S	29.2/ 1.150	47.0/ 1.850	30.0/ 1.181	17.96/ 0.707	11.81/ 0.465
16S	32.0/ 1.260	48.0/ 1.890	30.0/ 1.181	19.56/ 0.770	14.73/ 0.580
16	32.0/ 1.260	57.0/ 2.244	30.0/ 1.181	19.56/ 0.770	14.73/ 0.580
18	36.5/ 1.437	58.0/ 2.283	35.0/ 1.378	22.73/ 0.895	17.40/ 0.685
20	39.9/ 1.571	61.0/ 2.402	35.0/ 1.378	25.40/ 1.000	20.83/ 0.820
22	43.1/ 1.697	61.0/ 2.402	35.0/ 1.378	27.51/ 1.083	23.11/ 0.910
24	46.6/ 1.835	66.0/ 2.598	40.0/ 1.575	30.86/ 1.215	26.04/ 1.025
28	53.4/ 2.102	66.0/ 2.598	40.0/ 1.575	33.02/ 1.300	28.85/ 1.136
32	60.1/ 2.366	72.0/ 2.835	45.0/ 1.772	CONSULT SALES	CONSULT SALES
36	66.3/ 2.610	75.0/ 2.953	50.0/ 1.969		
40	72.4/ 2.850	78.0/ 3.071	55.0/ 2.165		

DIMENSIONS IN *ITALIC* ARE INCHES.

90° PLUG

08WK*/08WKG*



SCPB08WK* Environmental with grommet
SCPB08WKG* Environmental, no grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW	
	Q MAX	L1 MAX	L2
10SL	22.8 / <i>0.898</i>	45 / <i>1.772</i>	Dimension L2 is dependent of jacketed cable used with each shell size. (consult factory)
14S	29.2 / <i>1.150</i>	47 / <i>1.850</i>	
16S	32.0 / <i>1.260</i>	48 / <i>1.890</i>	
16	32.0 / <i>1.260</i>	57 / <i>2.244</i>	
18	36.5 / <i>1.437</i>	58 / <i>2.283</i>	
20	39.9 / <i>1.571</i>	61 / <i>2.402</i>	
22	43.1 / <i>1.697</i>	61 / <i>2.402</i>	
24	46.6 / <i>1.835</i>	66 / <i>2.598</i>	
28	53.4 / <i>2.102</i>	66 / <i>2.598</i>	
32	60.1 / <i>2.366</i>	72 / <i>2.835</i>	
36	66.3 / <i>2.610</i>	75 / <i>2.953</i>	
40	72.4 / <i>2.850</i>	78 / <i>3.071</i>	

DIMENSIONS IN ITALIC ARE INCHES.

(**) CABLE RANGE CODE	K	
	MIN	MAX
01	1.59 / <i>0.063</i>	3.18 / <i>0.125</i>
02	3.18 / <i>0.125</i>	6.35 / <i>0.250</i>
03	6.35 / <i>0.250</i>	9.53 / <i>0.375</i>
04	9.53 / <i>0.375</i>	12.70 / <i>0.500</i>
05	12.70 / <i>0.500</i>	15.88 / <i>0.625</i>
06	15.88 / <i>0.625</i>	19.05 / <i>0.750</i>
07	19.05 / <i>0.750</i>	22.23 / <i>0.875</i>
08	22.23 / <i>0.875</i>	25.40 / <i>1.000</i>
09	25.40 / <i>1.000</i>	28.58 / <i>1.125</i>
10	28.58 / <i>1.125</i>	31.75 / <i>1.250</i>
11	31.75 / <i>1.250</i>	34.93 / <i>1.375</i>
12	34.93 / <i>1.375</i>	38.10 / <i>1.500</i>
13	38.10 / <i>1.500</i>	41.23 / <i>1.623</i>
14	41.23 / <i>1.623</i>	44.45 / <i>1.750</i>
15	44.45 / <i>1.750</i>	47.63 / <i>1.875</i>
16	47.63 / <i>1.875</i>	50.80 / <i>2.000</i>

(**) Cable Range must be specified as part of the connector part number using Cable Range Code.

This group of connectors provide for the needs of:

- Audio
- Audio & Video
- Control Lighting
- HMI Lighting

AUDIO CONNECTORS

These connectors can be ordered with up to 150 conductors with wire sizes of 18 AWG to 4/0 AWG. This series also has a 1/3 turn quick release coupling mechanism.

AUDIO-VIDEO CONNECTORS

There are certain selected insert arrangements which allow up to 8 channels of video and 31 channels of audio in the same connector.

The "FR" series provides a hard black non-conductive anodize finish that insures years of service and yet the finish will show little signs of wear.

The coupling nut has been changed so that it has a larger grip area that allows for easier uncoupling and mating.

CONTROL LIGHTING

A 19 contact connector has been adapted as an "Industry Standard". There are 7 contacts in the center which are used for grounding. These 7 socket contacts protrude forward .100 inches further than the remaining 12. This assures you of a "grounding-first" or "make-before-break" situation.

Connectors may be ordered with either solder or crimp contacts. Several different backshell designs are available.

HMI LIGHTING

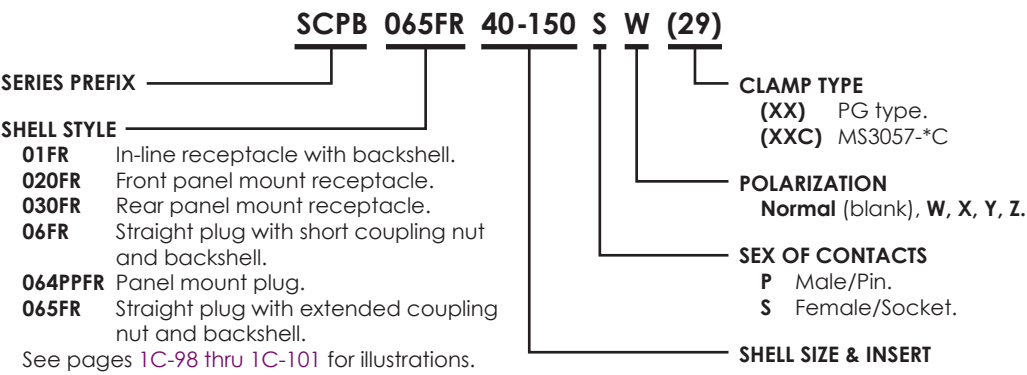
These connectors are used to power light fixtures from 575 watts through 18,000 watts. In order to prevent mating an incorrect plug to a receptacle, insert can be polarized.

Additionally, the backshell can be color coded: black, blue, gold, green or red, further insuring proper selection of a mating plug.

AUDIO CONNECTORS

SCPB REVERSE BAYONET SERIES

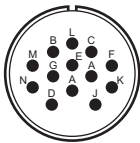
ORDERING INFORMATION



Most commonly used types are shown below.

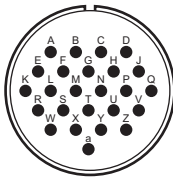
CHANNELS	TOTAL CONTACTS	CONTACT SIZE	INSERT NUMBER
4	13	16	20-11
8	25	16	24A25
12	37	16	28-21
16	54	16	32-22
28	85	16	40-56
48	150	18	40-150

SC108



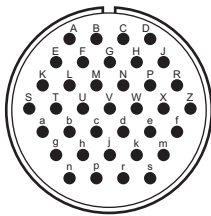
20-11†

13-#16



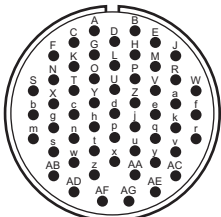
24A25

24-#16



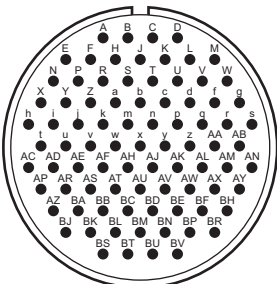
28-21†

37-#16



32-22†

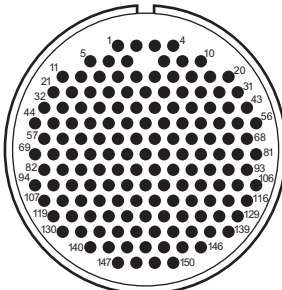
54-#16



40-56†

40A56

85-#16



40-150

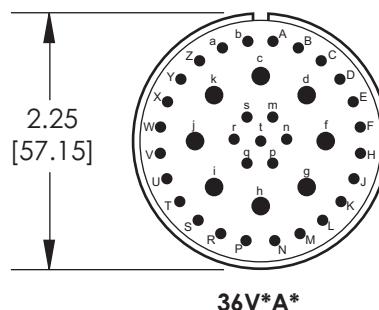
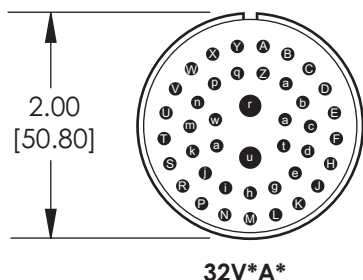
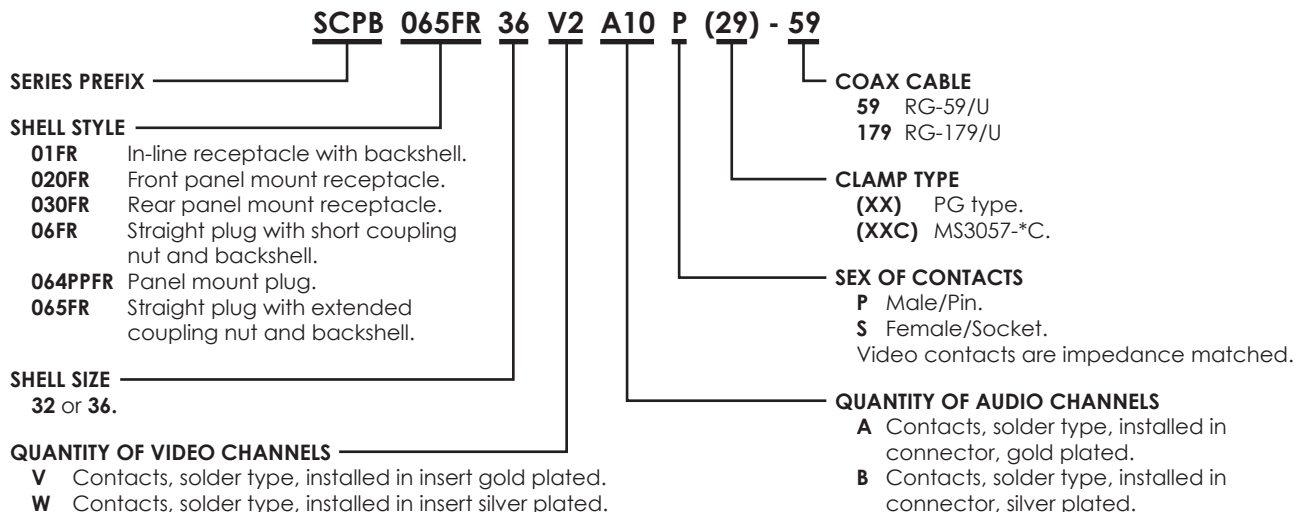
40A150

150-#16

COMBINATION AUDIO AND VIDEO CONNECTORS

SCPB REVERSE BAYONET SERIES

1C



42 CONTACTS		2 VIDEO	40 AUDIO	SIZE 16	
VIDEO	LETTER	AUDIO	+ (POS)	- (NEG)	GD
1	r	1	A	B	C
2	u	2	D	E	F
		3	H	J	K
		4	L	M	N
		5	P	R	S
		6	T	U	V
		7	W	X	Y
		8	Z	a	b
		9	c	d	e
		10	g	h	i
		11	j	k	m
		12	n	p	q
		13	s	w	v

NOTE: "t" is not used

SC105

39 CONTACTS		8 VIDEO	31 AUDIO	SIZE 16	
VIDEO	LETTER	AUDIO	+ (POS)	- (NEG)	GD
1	c	1	A	B	C
2	h	2	D	E	F
3 (Red)	f	3	H	J	K
4 (Green)	j	4	L	M	N
5 (Blue)	k	5	P	R	S
6 (Horizontal)	d	6	T	U	V
7 (Vertical)	g	7	W	X	Y
8 (Sync)	i	8	Z	a	b
		9	n	p	q
		10	m	r	s

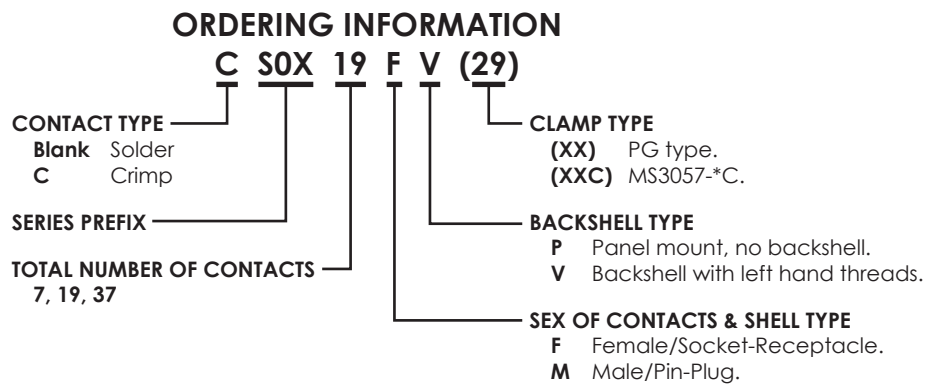
NOTE: "t" is not used

SC106

Inserts are shown smaller than actual size

CONTROL LIGHTING CONNECTORS

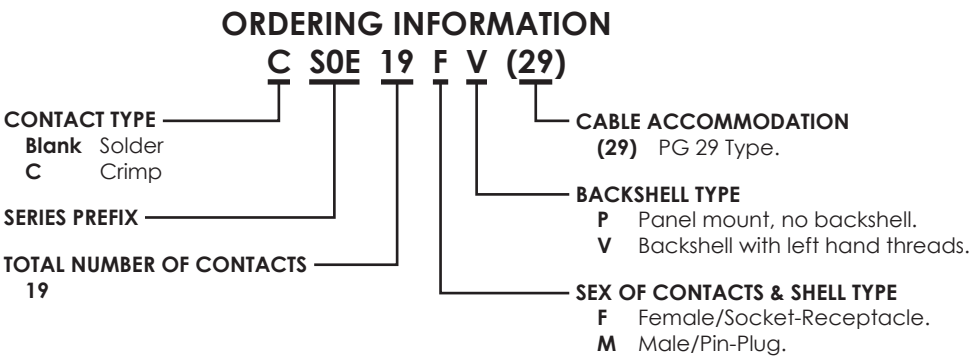
CS0X AND S0X THREADED SERIES



CROSS REFERENCE				
DESCRIPTION	SOCAPEX	VEAM	SPACECRAFT	SEE PAGE
Panel Mount Female Receptacle	SLEF419AR	VSC020-32S-19S	CS0X19FP	1C-93
In-Line Female Receptacle w/ Backshell	SLFFDR419AR	VSC01SL-32S-19S(29)*	CS0X19FV(29)*	1C-93
In-Line Male Plug w/ Backshell	SLFMD419AR	VSC06SL-32S-19P(29)*	CS0X19MV(29)*	1C-94
Panel Mount Male Plug	SLEME419AR	VSC26-32S-19P	CS0X19MP	1C-94

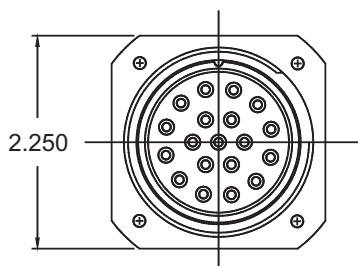
BACKSHELLS AND SHELLS: Aluminum alloy, hard black anodize finish.
* Backshells have a left hand thread.
CONTACTS: Gold over nickel.

CS0E AND S0E SERIES

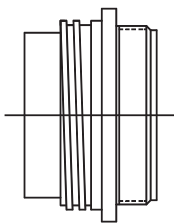


Material: Die cast aluminum
Finish: Black
Contacts: Gold over nickel

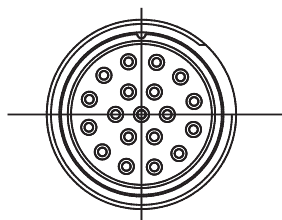
Shells are illustrated on pages 1C-93 and 1C-94.



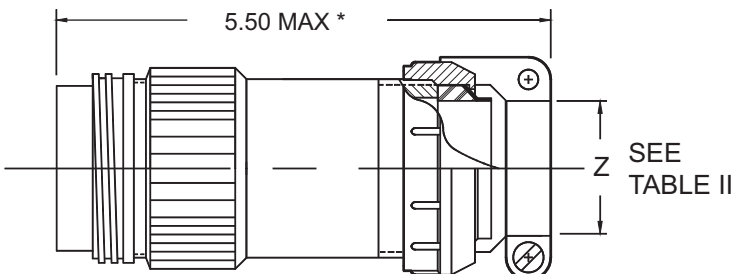
PANEL MOUNT RECEPTACLE



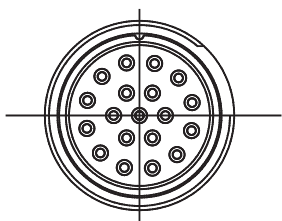
(C)S0X19FP or (C)S0E19FP



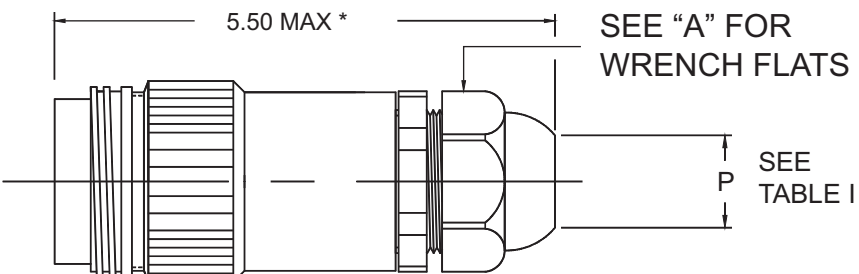
IN-LINE RECEPTACLE



(C)S0X19FV(XX)



IN-LINE RECEPTACLE



(C)S0X19FV(XX) or (C)S0E19FV(XX)

TABLE I: CABLE RANGE CODE

(XX) CLAMP CODE	TYPE	P CABLE RANGE		A WRENCH FLATS
		mm	(in.)	
07R	PG7	2.0-5.0	(0.08-0.20)	15.0
07	PG7	3.0-6.5	(0.12-0.26)	15.0
09R	PG9	2.0-6.0	(0.08-0.24)	19.0
09	PG9	4.0-8.0	(0.16-0.31)	19.0
11R	PG11	3.0-7.0	(0.12-0.28)	22.0
11	PG11	5.0-10.0	(0.20-0.39)	22.0
13R	PG13.5	5.0-9.0	(0.20-0.35)	24.0
13	PG013.5	6.0-12.0	(0.24-0.47)	24.0
16R	PG16	7.0-12.0	(0.28-0.47)	27.0
16	PG16	10.0-14.0	(0.39-0.55)	27.0
21R	PG21	9.0-16.0	(0.35-0.63)	33.0
21	PG21	13.0-18.0	(0.51-0.71)	33.0
29R	PG29	12.0-20.0	(0.47-0.79)	42.0
29	PG29	18.0-25.0	(0.71-0.98)	42.0
36R	PG36	20.0-26.0	(0.79-1.02)	53.0
36	PG36	22.0-32.0	(1.87-1.26)	53.0
42	PG42	30.0-38.0	(1.18-1.50)	60.0
48	PG48	34.0-44.0	(1.34-1.73)	65.0

SCPBVSCR

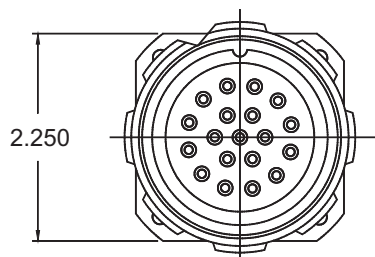
TABLE II: CLAMP CODE

(XX) CLAMP CODE	Z-CABLE RANGE	
	OPEN	CLOSED
04C	7.92 (.312)	2.40 (.095)
06C	11.12 (.438)	5.84 (.230)
08C	13.48 (.531)	8.0 (.315)
10C	15.87 (.625)	9.6 (.378)
12C	19.00 (.748)	11.3 (.445)
16C	23.80 (.937)	15.5 (.610)
20C	31.75 (1.250)	23.4 (.921)
24C	35.00 (1.378)	23.4 (.921)
28C	41.25 (1.624)	29.9 (1.177)
32C	47.60 (1.874)	34.9 (1.374)

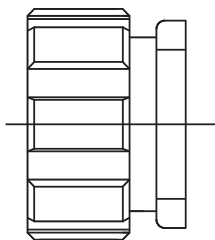
Dimensions are in mm or (xxx) inches.

* Dimension is dependent on the back-shell used, the cable range and the fitting used. Consult factory.

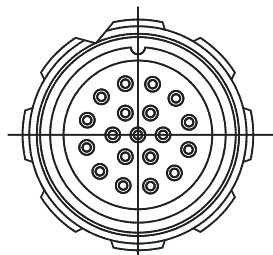
CONTROL LIGHTING CONNECTORS



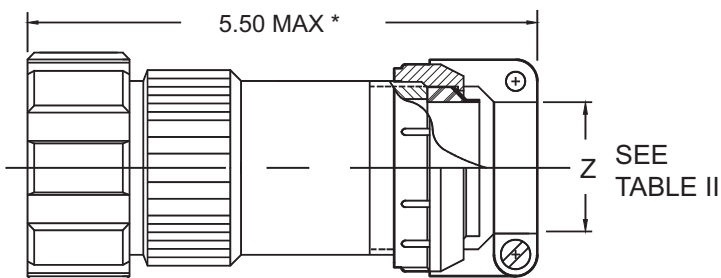
PANEL MOUNT PLUG



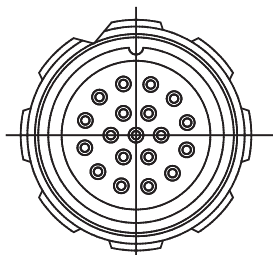
(C)S0X19MP or (C)S0E19MP



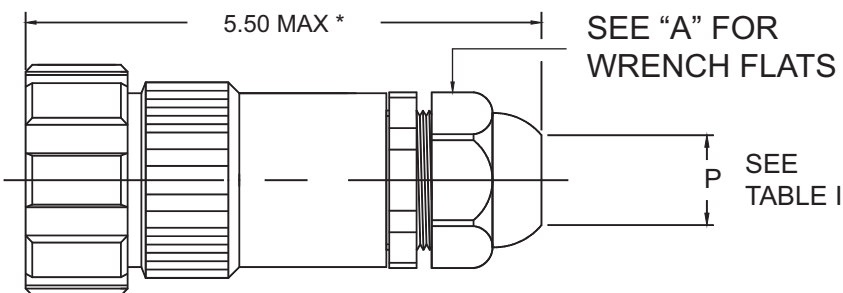
PLUG



(C)S0X19MV(XX)



PLUG



(C)S0X19MV(XX) or (C)S0E19MV(XX)

TABLE I: CABLE RANGE CODE

(XX) CLAMP CODE	TYPE	P CABLE RANGE		A WRENCH FLATS
		mm	(in.)	
07R	PG7	2.0-5.0	(0.08-0.20)	15.0
07	PG7	3.0-6.5	(0.12-0.26)	15.0
09R	PG9	2.0-6.0	(0.09-0.24)	19.0
09	PG9	4.0-8.0	(0.16-0.31)	19.0
11R	PG11	3.0-7.0	(0.12-0.28)	22.0
11	PG11	5.0-10.0	(0.20-0.39)	22.0
13R	PG13.5	5.0-9.0	(0.20-0.35)	24.0
13	PG013.5	6.0-12.0	(0.24-0.47)	24.0
16R	PG16	7.0-12.0	(0.28-0.47)	27.0
16	PG16	10.0-14.0	(0.39-0.55)	27.0
21R	PG21	9.0-16.0	(0.35-0.63)	33.0
21	PG21	13.0-18.0	(0.51-0.71)	33.0
29R	PG29	12.0-20.0	(0.47-0.79)	42.0
29	PG29	18.0-25.0	(0.71-0.98)	42.0
36R	PG36	20.0-26.0	(0.79-1.02)	53.0
36	PG36	22.0-32.0	(1.87-1.26)	53.0
42	PG42	30.0-38.0	(1.18-1.50)	60.0
48	PG48	34.0-44.0	(1.34-1.73)	65.0

SCPBVSCP

TABLE II: CLAMP CODE

(XX) CLAMP CODE	Z-CABLE RANGE	
	OPEN	CLOSED
04C	7.92 (.312)	2.40 (.095)
06C	11.12 (.438)	5.84 (.230)
08C	13.48 (.531)	8.0 (.315)
10C	15.87 (.625)	9.6 (.378)
12C	19.00 (.748)	11.3 (.445)
16C	23.80 (.937)	15.5 (.610)
20C	31.75 (1.250)	23.4 (.921)
24C	35.00 (1.378)	23.4 (.921)
28C	41.25 (1.624)	29.9 (1.177)
32C	47.60 (1.874)	34.9 (1.374)

Dimensions are in mm or (xxx) inches.

* Dimension is dependent on the backshell used, the cable range and the fitting used. Consult factory.



HMI LIGHTING CONNECTORS

SCPB REVERSE BAYONET SERIES

1C

ORDERING INFORMATION

SCPB 065FR 24-2 S W (29)

SERIES PREFIX

SHELL STYLE

- 01FR** In-line receptacle with backshell.
- 020FR** Front panel mount receptacle.
- 030FR** Rear panel mount receptacle.
- 06FR** Straight plug with short coupling nut and backshell.
- 064PPFR** Panel mount plug.
- 065FR** Straight plug with extended coupling nut and backshell.

CLAMP TYPE

POLARIZATION

Normal (blank), **W**, **X**, **Y**, **Z**.

SEX OF CONTACTS

- P** Male/Pin.
- S** Female/Socket.

SHELL SIZE & INSERT

See pages **4C-1** thru **4C-32**.

CROSS REFERENCE

DESCRIPTION	VEAM	SPACECRAFT
In-Line Receptacle w/ Backshell	CIR01FR	SCPB01FR
Front Panel Mount Receptacle	CIR020FR	SCPB020FR
Panel Mount Plug	CIR064PPFR	SCPB064PPFR
Straight Plug with Backshell	CIR065FR	SCPB065FR

BACKSHELLS AND SHELLS: Aluminum alloy, black hard anodize finish.

CONTACTS: Silver plated crimp contacts. Solder contacts available on request.

HMI LIGHTING CONNECTORS

SCPB REVERSE BAYONET SERIES

Most popular HMI type connectors are listed below. Contact Sales for other types.

APPLICATION	SPACECRAFT PART NUMBER	SEX
2.5/4K Input Power Cable End Female Plug	SCPB065FR28-3S(29R)	Socket
2.5/4K Input Power Panel Mount Male Receptacle	SCPB030FR28-3P	Pin
6/12/18K In-Line Male Receptacle	SCPB01FR28-6P(290S)	Pin
6/12/18K Input Power Cable End Female Plug	SCPB065FR28-6S(290S)	Socket
6/12/18K Input Power Panel Mount Male Receptacle	SCPB030FR28-6P-AM	Pin
6/12/18K Panel Mount Female Plug	SCPB064PPFR28-6S	Socket
12K Cable End Male Receptacle	SCPB01FR36-3P(36)	Pin
12K Input Power Cable End Female Plug	SCPB065FR36-3S(36)	Socket
12K Input Power Panel Mount Male Receptacle	SCPB030FR36-3P	Pin
12K Panel Mount Female Plug	SCPB064PPFR36-3S	Socket
ARRIFLEX 6K In-Line Female Plug	SCPB065FR28-22S-326(290S)	Socket
ARRIFLEX 6K In-Line Male Receptacle	SCPB01FR28-22P-326(290S)	Pin
ARRIFLEX 6K Panel Mount Female Plug	SCPB064PPFR28-22S	Socket
ARRIFLEX 6K Panel Mount Male Receptacle	SCPB020FR28-22P	Pin
CINEMILLS 12/18K In-Line Male Plug	SCPB065FR28-10P(20C)	Pin
CINEMILLS 12/18K In-Line Female Receptacle	SCPB01FR28-10S(20C)	Socket
CINEMILLS 12/18K Panel Mount Female Receptacle	SCPB030FR28-10S	Socket
CINEMILLS 12/18K Panel Mount Male Plug	SCPB064PPFR28-10P	Pin
LTM 575/1200 In-Line Female Receptacle	SCPB01FR20-15S-18(922)	Socket
LTM 575/1200 In-Line Male Plug	SCPB065FR20-15P-18(922)	Pin
LTM 575/1200 Panel Mount Female Receptacle	SCPB020FR20-15S-18	Socket
LTM 575/1200 Panel Mount Male Plug	SCPB064PPFR20-15P	Pin
LTM 4K In-Line Female Receptacle	SCPB01FR924-11S(942)BY	Socket
LTM 4K In-Line Male Plug	SCPB065FR924-11P(942)BY	Pin
LTM 4K Panel Mount Female Receptacle	SCPB020FR924-11S	Socket
LTM 4K Panel Mount Male Plug	SCPB064PPFR924-11P	Pin
LTM 6/12/18K In-Line Female Receptacle	SCPB01FR28A9S-122-R8(20C)	Socket
LTM 6/12/18K In-Line Male Plug	SCPB065FR28A9P-GM-122-R8(20C)	Pin
LTM 6/12/18K Panel Mount Female Receptacle	SCPB020FR28A9S-122-R8	Socket
LTM 6/12/18K Panel Mount Male Plug	SCPB064PPFR12-28A9P-GM	Pin
STRAND 575W In-Line Female Receptacle	SCPB01FR24-2SZ(941)BG	Socket
STRAND 575W In-Line Male Plug	SCPB065FR24-2PZ(941)BG	Pin
STRAND 575W Panel Mount Female Receptacle	SCPB030FR24-2SZ	Socket
STRAND 575W Panel Mount Male Plug	SCPB064PPFR24-2PZ	Pin
STRAND 2.5K In-Line Female Receptacle	SCPB01FR24-2S(941)BR	Socket
STRAND 2.5K In-Line Male Plug	SCPB06524-2P(941)BR	Pin
STRAND 2.5K Panel Mount Female Receptacle	SCPB030FR24-2S	Socket
STRAND 2.5K Panel Mount Male Plug	SCPB064PPFR24-2P	Pin
STRAND 4K In-Line Female Receptacle	SCPB01FR24-11S(941)BB	Socket
STRAND 4K In-Line Male Plug	SCPB065FR24-11P(941)BB	Pin
STRAND 4K Panel Mount Female Receptacle	SCPB030FR24-11S	Socket
STRAND 4K Panel Mount Male Plug	SCPB064PPFR24-11P	Pin
STRAND 6K In-Line Female Receptacle	SCPB01FR32-68S(290S)	Socket
STRAND 6K In-Line Male Plug	SCPB065FR32-68P(290S)	Pin
STRAND 6K Panel Mount Female Receptacle	SCPB030FR32-68S	Socket
STRAND 6K Panel Mount Male Plug	SCPB064PPFR32-68P	Pin
STRAND 12K In-Line Female Receptacle	SCPB01FR40A10S(290S)	Socket
STRAND 12K In-Line Male Plug	SCPB065FR40A10P(290S)	Pin
STRAND 12K Panel Mount Female Receptacle	SCPB030FR40A10S	Socket
STRAND 12K Panel Mount Male Plug	SCPB064PPFR40A10P	Pin
STRAND 12K Panel Mount Male Plug W/LKG RING	SCPB064PPFR24-2PW	Pin
STRAND 12K In-Line Male Plug	SCPB065FR24-2PW(941)BY	Pin
STRAND 12K In-Line Female Receptacle	SCPB01FR24-2SW(941)BY	Socket
STRAND 12K Panel Mount Female Receptacle	SCPB030FR24-2SW	Socket

SC107



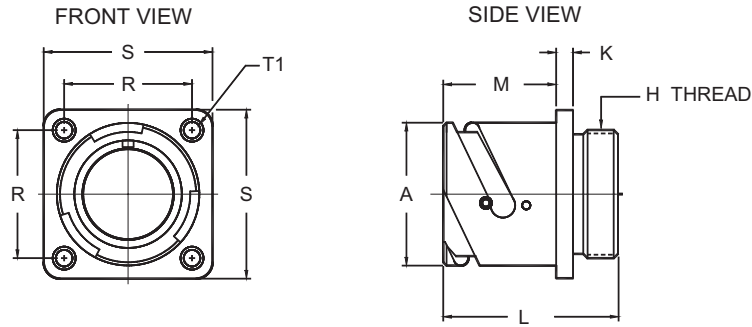
HMI LIGHTING CONNECTORS

WALL MOUNT RECEPTACLE

FRONT PANEL MOUNT SCPB020FR

REAR PANEL MOUNT SCPB030FR

1C



FINISH: BLACK ANODIZE

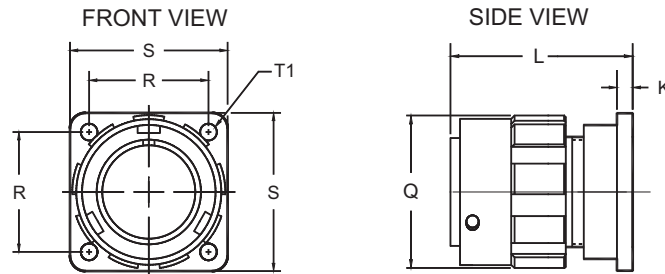
CONTACTS: F80 SILVER PLATED CRIMP CONTACTS

SHELL SIZE	FRONT VIEW			SIDE VIEW				SHELL TYPE	
	R	S	T1	A	H	K	L	020	030
	±0.1	±0.3	+0.1 -0.0	+0.00 -0.15	THREAD CLASS 2A	±0.2	±0.3	M +0.4 -0.0	M +0.4 -0.0
10SL	18.2	25.4	3.2	18.2	5/8-24 UNEF	2.8	27.6	14.2	18.2
14S	23.0	30.0	3.2	24.6	3/4-20 UNEF	3.2	27.6	14.2	18.2
16S	24.6	32.5	3.2	27.4	7/8-20 UNEF	3.2	27.6	14.2	18.2
16	24.6	32.5	3.2	27.4	7/8-20 UNEF	3.2	33.8	19.0	23.05
18	27.0	35.0	3.2	30.8	1-20 UNEF	4.0	33.8	19.0	23.05
20	29.4	38.0	3.2	34.2	1 1/8-18 UNEF	4.0	33.8	19.0	23.05
22	31.8	41.0	3.2	37.4	1 1/4-18 UNEF	4.0	33.8	19.0	23.05
24	34.9	44.5	3.7	40.9	1 3/8-18 UNEF	4.0	35.8	20.6	23.05
28	39.7	50.8	3.7	46.7	1 5/8-18 UNEF	4.0	35.8	20.6	24.05
32	44.5	57.0	4.3	53.4	1 7/8-16 UN	4.0	37.3	22.2	24.05
36	49.2	63.5	4.3	59.6	2 1/16-16 UN	4.0	37.3	22.2	24.05
40	55.5	69.9	4.3	65.5	2 5/16-16 UNS	4.0	37.3	22.2	24.05

DIMENSIONS ARE IN MM.

WALL MOUNT PLUG

SCPB064PPFR



064PPFR Environmental when used with sealing gasket

FINISH: BLACK ANODIZE

CONTACTS: F80 SILVER PLATED CRIMP CONTACTS

SHELL SIZE	FRONT VIEW			SIDE VIEW		
	R ±0.1	S ±0.8	T1 +0.2 -0.1	K +0.5 -0.2	L MAX.	Q MAX.
10SL	18.2	25.4	3.2	2.8	29.9	25.3
14S	23.0	30.0	3.2	3.2	29.9	31.7
16S	24.6	32.5	3.2	3.2	35.1	35.9
16	24.6	32.5	3.2	3.2	35.1	35.9
18	27.0	35.0	3.2	3.2	40.2	39.5
20	29.4	38.0	3.2	3.2	43.8	42.9
22	31.8	41.0	3.2	3.8	43.8	46.1
24	34.9	44.5	3.7	3.8	43.8	49.5
28	39.7	50.8	3.7	4.0	44.0	56.9
32	44.5	57.0	4.3	4.0	45.1	63.7
36	49.2	63.5	4.3	4.0	45.1	70.1
40	55.5	69.9	5.2	4.0	45.1	75.7

DIMENSIONS ARE IN MM.

HMI LIGHTING CONNECTORS

IN-LINE RECEPTACLE

SCPBO1FR

SCPBO65FR ENVIRONMENTAL

EXAMPLE PART NUMBER: SCPB01FR24-28P-(XX)

CLAMP CODE

FINISH: BLACK ANODIZE

CONTACTS: F80 SILVER PLATED CRIMP CONTACTS

FRONT VIEW

SIDE VIEW

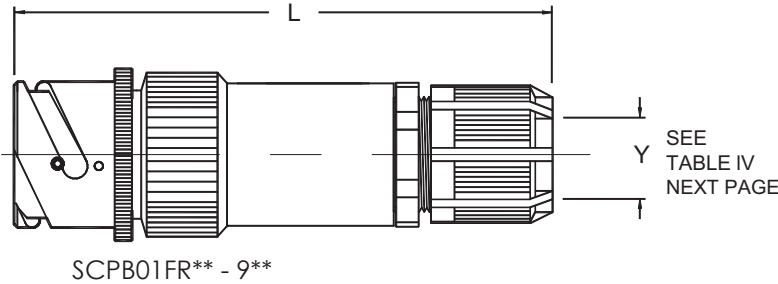
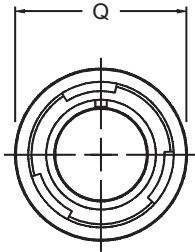
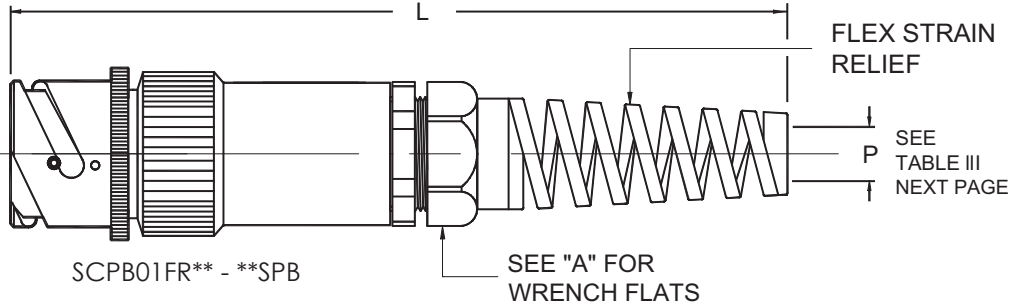
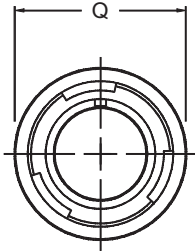
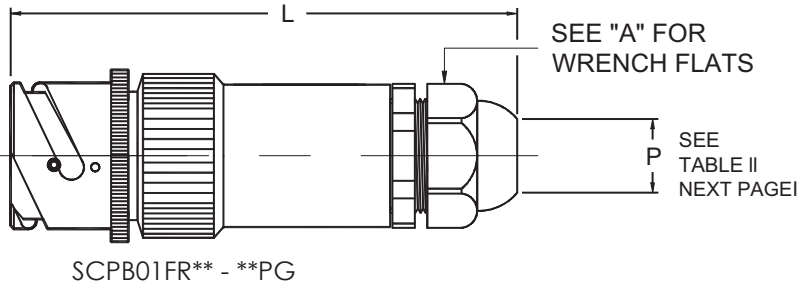
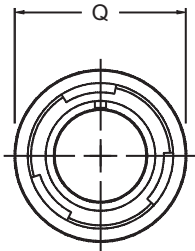
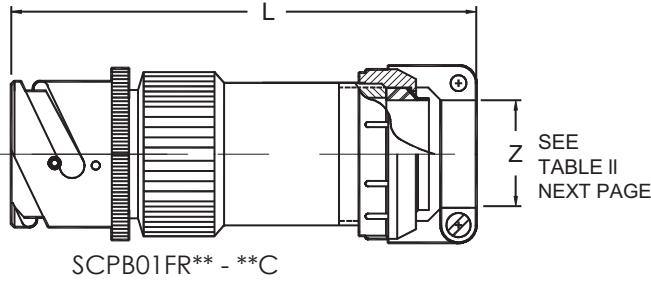
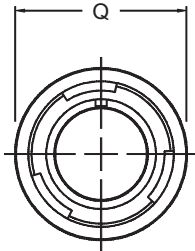


TABLE I

	FRONT VIEW	SIDE VIEW
SHELL SIZE	Q DIA. MAX.	L
10SL	22.5	* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.
14S	29.5	
16S	31.5	
16	31.5	
18	34.5	
20	37.5	
22	40.5	
24	44.5	
28	50.0	
32	56.5	
36	63.0	
40	69.0	

DIMENSIONS ARE IN MM.

* CONSULT FACTORY

TABLE II: CLAMP CODE

(XX) CLAMP CODE	Z - CABLE RANGE	
	OPEN	CLOSED
04C	7.92	2.40
06C	11.12	5.84
08C	13.48	8.0
10C	15.87	9.6
12C	19.00	11.3
16C	23.80	15.5
20C	31.75	23.4
24C	35.00	23.4
28C	41.25	29.9
32C	47.60	34.9

TABLE III: CABLE RANGE CODE

(XX) CABLE CODE		TYPE	P CABLE RANGE		A WRENCH FLATS
FLEX STRAIN RELIEF	NO STRAIN RELIEF		MM	(INCHES)	
SPB07R	07R	PG7	2.0-5.0	(0.08-0.20)	15.0
SPB07	07	PG7	3.0-6.5	(0.12-0.26)	15.0
SPB09R	09R	PG9	2.0-6.0	(0.08-0.24)	19.0
SPB09	09	PG9	4.0-8.0	(0.16-0.31)	19.0
SPB11R	11R	PG11	3.0-7.0	(0.12-0.28)	22.0
SPB11	11	PG11	5.0-10.0	(0.20-0.39)	22.0
SPB13R	13R	PG13.5	5.0-9.0	(0.20-0.35)	24.0
SPB13	13	PG13.5	6.0-12.0	(0.24-0.47)	24.0
SPB16R	16R	PG16	7.0-12.0	(0.28-0.47)	27.0
SPB16	16	PG16	10.0-14.0	(0.39-0.55)	27.0
SPB21R	21R	PG21	9.0-16.0	(0.35-0.63)	33.0
SPB21	21	PG21	13.0-18.0	(0.51-0.71)	33.0
SPB29R	29R	PG29	12.0-20.0	(0.47-0.79)	42.0
SPB29	29	PG29	18.0-25.0	(0.71-0.98)	42.0
SPB36R	36R	PG36	20.0-26.0	(0.79-1.02)	53.0
SPB36	36	PG36	22.0-32.0	(0.87-1.26)	53.0
SPB42	42	PG42	30.0-38.0	(1.18-1.50)	60.0
SPB48	48	PG48	34.0-44.0	(1.34-1.73)	65.0

TABLE IV

SHELL SIZES	CABLE CODE	Y CABLE RANGE	
		MM	(INCHES)
10SL,12S,14S 16,16S,18 20	920	3.0-9.4	(.125-.375)
	921	7.9-14.2	(.310-.560)
	922	12.7-19.1	(.500-.750)
18,20 22,24	930	3.0-9.4	(.125-.375)
	931	7.9-14.2	(.310-.560)
	932	12.7-19.1	(.500-.750)
24,28,32 36,40	940	7.9-14.2	(.310-.560)
	941	12.7-19.1	(.500-.750)
	942	17.8-24.1	(.700-.950)

HMI LIGHTING CONNECTORS

STRAIGHT PLUG

SCPB065FR

SCPB065FR ENVIRONMENTAL

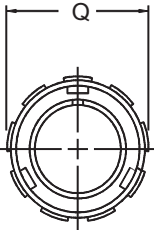
EXAMPLE PART NUMBER: SCPB065FR24-28P-(XX)

FINISH: BLACK ANODIZE

CONTACTS: F80 SILVER PLATED CRIMP CONTACTS

CLAMP CODE

FRONT VIEW



SIDE VIEW

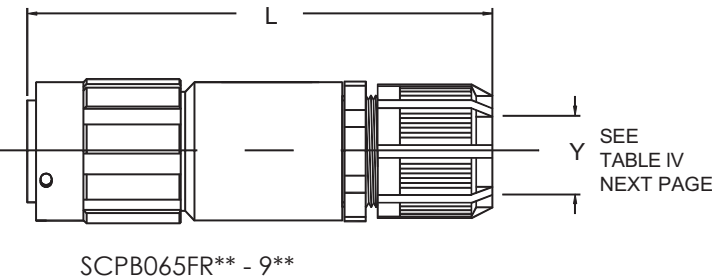
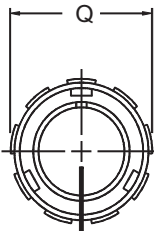
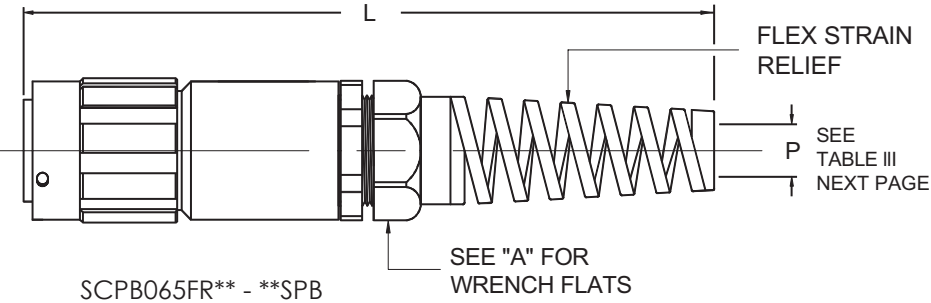
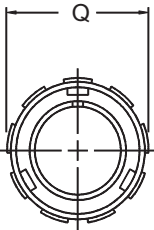
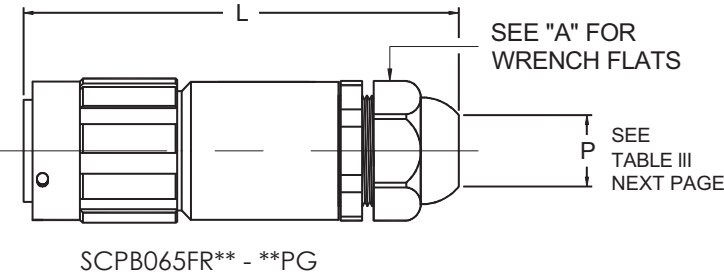
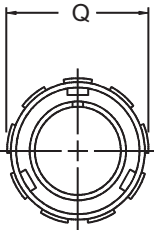
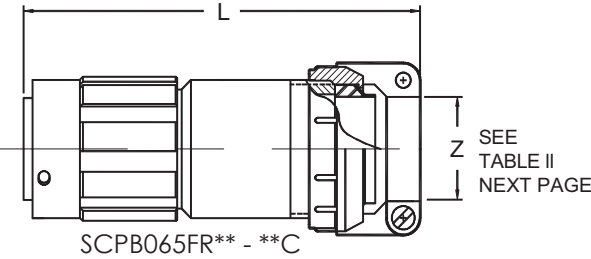


TABLE I

	FRONT VIEW	SIDE VIEW
SHELL SIZE	Q DIA. MAX.	L
10SL	22.5	* Dimension L is dependent on the backshell used, the cable range and the fitting used. Consult factory.
14S	29.5	
16S	31.5	
16	31.5	
18	34.5	
20	37.5	
22	40.5	
24	44.5	
28	50.0	
32	56.5	
36	63.0	
40	69.0	

DIMENSIONS ARE IN MM.

* CONSULT FACTORY

TABLE II: CLAMP CODE

(XX) CLAMP CODE	Z - CABLE RANGE	
	OPEN	CLOSED
04C	7.92	2.40
06C	11.12	5.84
08C	13.48	8.0
10C	15.87	9.6
12C	19.00	11.3
16C	23.80	15.5
20C	31.75	23.4
24C	35.00	23.4
28C	41.25	29.9
32C	47.60	34.9

TABLE III: CABLE RANGE CODE

(XX) CABLE CODE		TYPE	P CABLE RANGE		A WRENCH FLATS
FLEX STRAIN RELIEF	NO STRAIN RELIEF		MM	(INCHES)	
SPB07R	07R	PG7	2.0-5.0	(0.08-0.20)	15.0
SPB07	07	PG7	3.0-6.5	(0.12-0.26)	15.0
SPB09R	09R	PG9	2.0-6.0	(0.08-0.24)	19.0
SPB09	09	PG9	4.0-8.0	(0.16-0.31)	19.0
SPB11R	11R	PG11	3.0-7.0	(0.12-0.28)	22.0
SPB11	11	PG11	5.0-10.0	(0.20-0.39)	22.0
SPB13R	13R	PG13.5	5.0-9.0	(0.20-0.35)	24.0
SPB13	13	PG13.5	6.0-12.0	(0.24-0.47)	24.0
SPB16R	16R	PG16	7.0-12.0	(0.28-0.47)	27.0
SPB16	16	PG16	10.0-14.0	(0.39-0.55)	27.0
SPB21R	21R	PG21	9.0-16.0	(0.35-0.63)	33.0
SPB21	21	PG21	13.0-18.0	(0.51-0.71)	33.0
SPB29R	29R	PG29	12.0-20.0	(0.47-0.79)	42.0
SPB29	29	PG29	18.0-25.0	(0.71-0.98)	42.0
SPB36R	36R	PG36	20.0-26.0	(0.79-1.02)	53.0
SPB36	36	PG36	22.0-32.0	(0.87-1.26)	53.0
SPB42	42	PG42	30.0-38.0	(1.18-1.50)	60.0
SPB48	48	PG48	34.0-44.0	(1.34-1.73)	65.0

TABLE IV

SHELL SIZES	CABLE CODE	Y CABLE RANGE	
		MM	(INCHES)
10SL,12S,14S 16,16S,18 20	920	3.0-9.4	(.125-.375)
	921	7.9-14.2	(.310-.560)
	922	12.7-19.1	(.500-.750)
18,20 22,24	930	3.0-9.4	(.125-.375)
	931	7.9-14.2	(.310-.560)
	932	12.7-19.1	(.500-.750)
24,28,32 36,40	940	7.9-14.2	(.310-.560)
	941	12.7-19.1	(.500-.750)
	942	17.8-24.1	(.700-.950)

SHELL SIZE 52 TRANSIT CONNECTORS

INTRODUCTION

This series of connectors has been developed to be intermateable and interchangeable with the ITT Veam CIR290 Series.

Our standard part numbering system differs from the one used by ITT Veam. The notable differences are the suffix codes as noted below.

ITT VEAM	SPACECRAFT
PF = Receptacle - Socket Contacts	SCPBH020/030 (Class + Insert) S*
PV = Plug - Socket Contacts	SCPBH06 (Class + Insert) S*
SF = Receptacle - Pin Contacts	SCPBH020/030 (Class + Insert) P*
SV = Plug - Pin Contacts	SCPBH06 (Class + Insert) P*
SLV = 90° Plug - Pin Contacts	SCPBH08 (Class + Insert) P*
PVL = 90° Plug - Socket Contacts	SCPBH08 (Class + Insert) S*
45 = 45° Backshell	SCPBH09 (Class + Insert) P or S*

This series is used principally in the transit rail industry. Their main characteristic is the fast and precise coupling of the receptacle and plug. Three bayonet ramps on the receptacle connector allow for a fast and perfect coupling with only a one-quarter turn of the coupling nut. The receptacle has three stainless steel studs at the top of the ramp which add additional strength and allow for multiple mating and unmating of the connectors without wear to the ramps. The coupling nut on the plug has roller studs made from stainless steel to facilitate the coupling on the ramps of the receptacle.

The mated connector withstands high vibration and shock while maintaining an excellent watertight seal. This is achieved through the use of a wave washer of stainless steel inside the coupling nut and a properly aligned gasket on the plug shell.

The coupling nut and backshell assembly can be rubber covered with different types of rubber for added protection.

These connectors accept crimp type contacts (F80) to accommodate standard AWG, coaxial, twinax and triaxial wire.

Special contacts are also available for high current application (up to 1200 amps).

GENERAL INFORMATION

SHELLS:

- Aluminum alloy with rubber covering optional
- Copper alloy or stainless steel available

INSERTS:

- Halogen-free/low smoke/low toxicity
- Chloroprene rubber
- Silicone or fluorocarbon rubber available

CONTACTS:

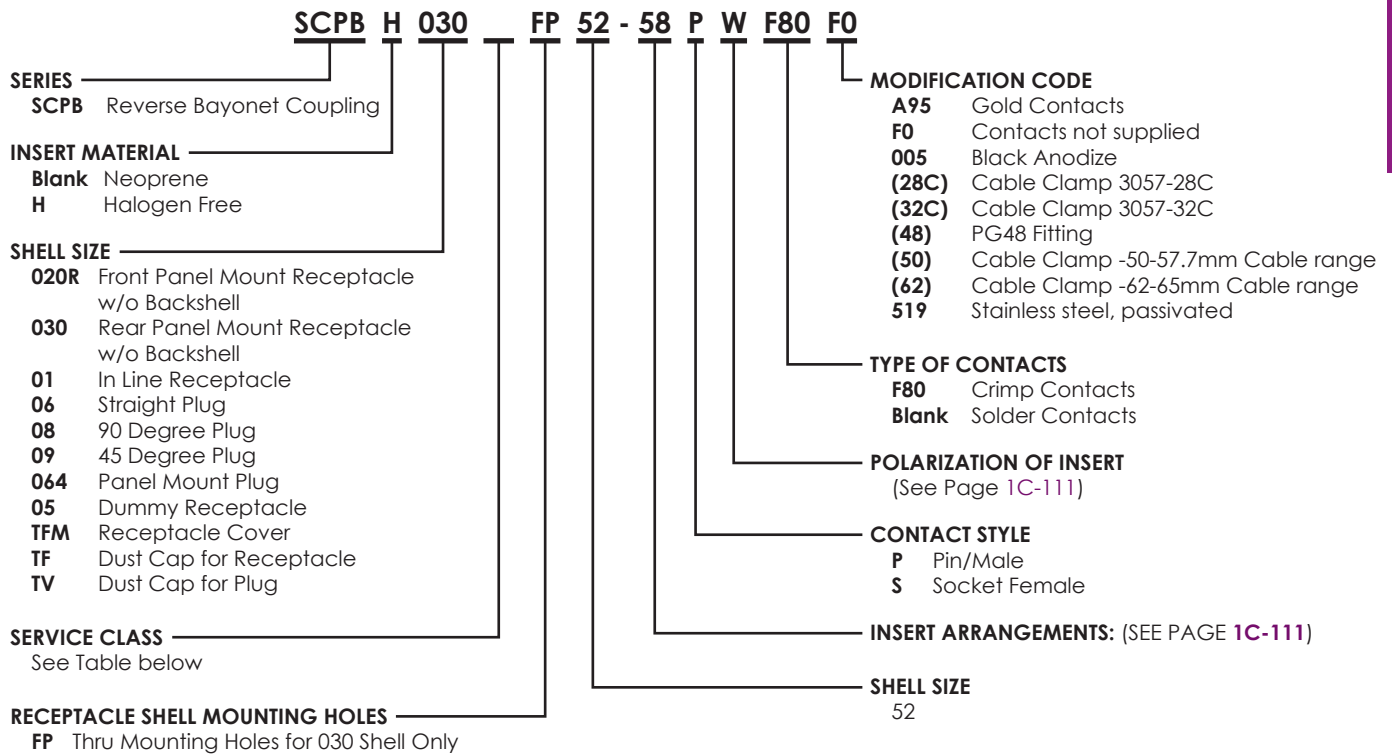
- Copper alloy
- Silver and gold plating
- Alumel, Chromel, Iron, Constantan materials are available

DESCRIPTION	SIZE 52	STANDARD
Number of keyways	5	1
Rubber covered coupling nut on plugs	Standard	Optional
Rubber covered backshells	Optional	Optional
Number of shell sizes	1	14
Grounding spring on plug	Optional	Optional
Halogen-free insert material	Standard	Optional

SHELL SIZE 52 TRANSIT CONNECTORS

ORDERING INFORMATION

1C



SHELLS:

- Aluminum alloy with rubber covering optional
- Copper alloy or stainless steel available

INSERTS:

- Halogen-free/low smoke/low toxicity
- Chloroprene rubber
- Silicone or fluorocarbon rubber available

CONTACTS:

- Copper alloy
- Silver and gold plating
- Alumel, Chromel, Iron, Constantan materials are available

SERVICE CLASS

CLASS	DESCRIPTION
R52-***	Environmental, Front Panel Mount with thru Mounting Holes
RFP52-**	Environmental, Rear Panel Mount with thru Mounting Holes
LPGF52-***(48)	Metal Backshell and Internal/Female threads for PG48 Fitting
LPGF52-***(48)	Metal Backshell and Internal/Male threads for PG48 Fitting
LCFG52-***(28C)	Rubber Cover Backshell with Cable Clamp Size 28C
LCFG52-***(32C)	Rubber Cover Backshell with Cable Clamp Size 32C
AMPL52-***(50)	Rubber Cover Backshell and Cable Clamp 50-57.5mm
AMPL52-***(62)	Rubber Cover Backshell and Cable Clamp 62-65mm
NM52-***	Rubber Cover Backshell for Rubber Conduit
LPGFG-***(48)	Rubber Cover Backshell and Internal/Female Threads for PG48 Fitting
LPGMG-***(48)	Rubber Cover Backshell and Internal/Male Threads for PG48 Fitting
CF52-***(28C)	Metal Backshell and Cable Clamp Size 28C
CFR52-***(50)	Metal Backshell and Cable Clamp 50-57.5mm

SHELL SIZE 52 TRANSIT CONNECTORS

GENERAL INFORMATION

DESCRIPTION	SIZE 52	STANDARD
Number of keyways	5	1
Rubber covered coupling nut on plugs	Standard	Optional
Rubber covered backshells	Optional	Optional
Number of shell sizes	1	14
Grounding spring on plug	Optional	Optional
Halogen-free insert material	Standard	Optional

ELECTRICAL DATA

CONTACT RATING

Contact size	Max current *	Rated and tests current	Maximum voltage drop (Millivolt) *
AWG			
16	22 A	13 A	74 mV
12	41 A	23 A	63 mV
8	73 A	46 A	65 mV
4	135A	80 A	58 mV
0	245A	130 A	53 mV
4/0	350 A	225 A	53 mV

= Applicable for short time

* According to MIL-DTL-39029 D. Test with nickel-plated wire.

INSERT ARRANGEMENT SERVICE RATING

Service rating	Operating voltage DC (at sea level)	Operating voltage AC (at sea level)
I	250 V	200 V
A	700 V	500 V
D	1,250 V	900 V
E	1,750 V	1,250 V
B	2,450 V	1,750 V
C	4,200 V	3,000 V

DIELECTRIC STRENGTH (STANDARD SEA LEVEL CONDITIONS)

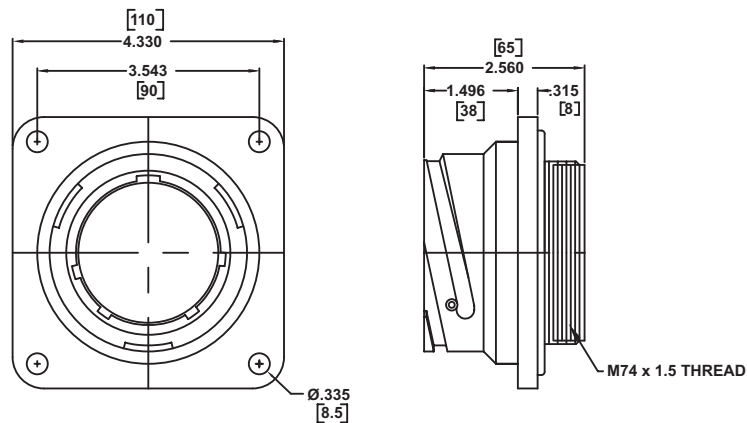
Service rating	Maximum flashover ac rms	Test Voltage ac rms
I	1,400 V	1,000 V
A	2,800 V	2,000 V
D	3,500 V	2,800 V
E	4,500 V	3,500 V
B	5,700 V	4,500 V
C	5,500 V	7,000 V



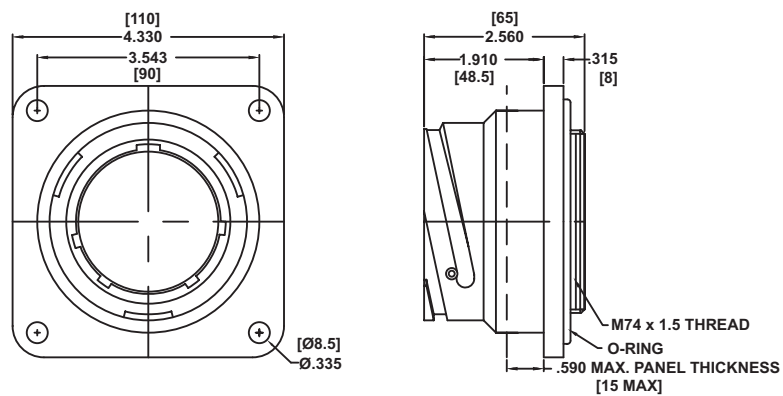
SHELL SIZE 52 TRANSIT CONNECTORS

1C

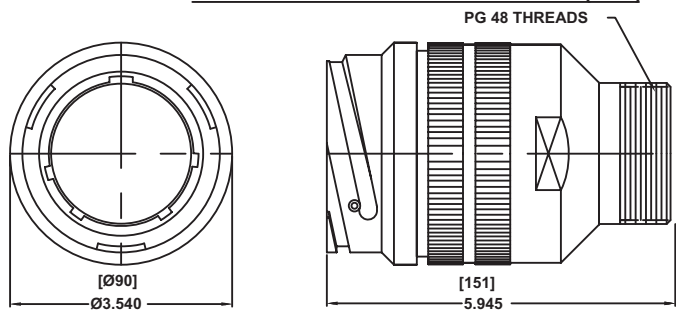
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SCPBH030FP52XXX

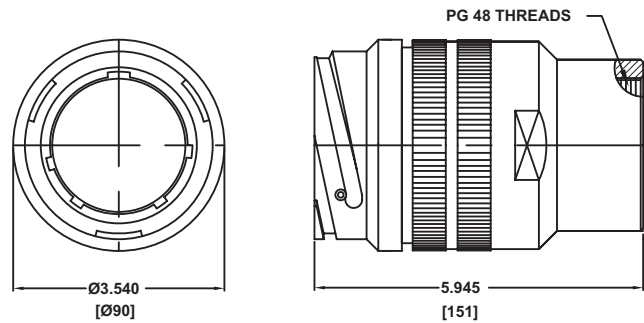


SCPBH01LPGM52XXX(48)

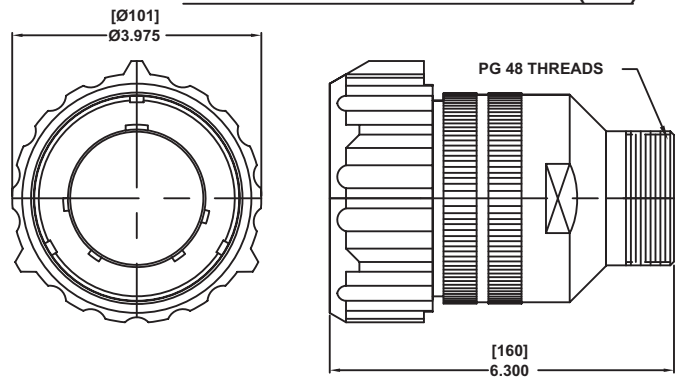


SHELL SIZE 52 TRANSIT CONNECTORS

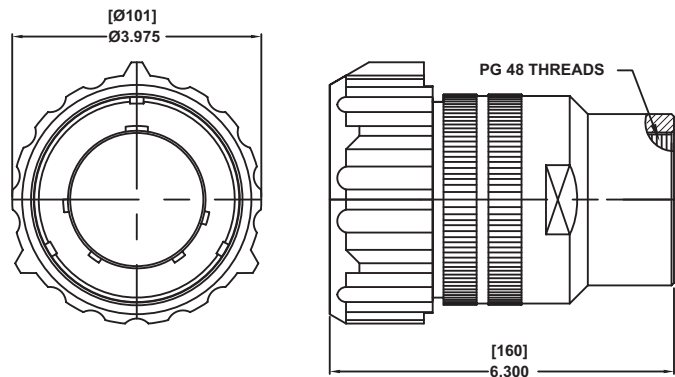
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SCPBH06LPGM52XXX(48)



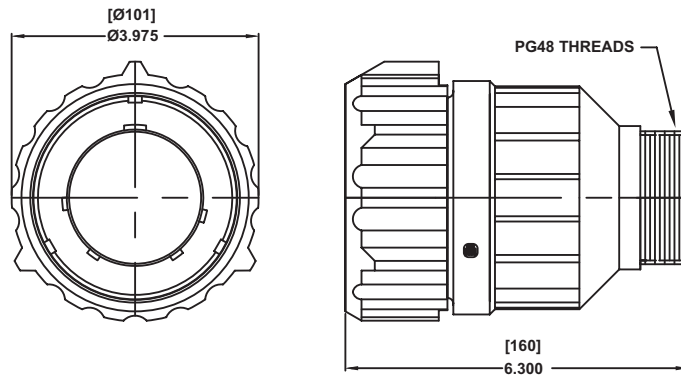
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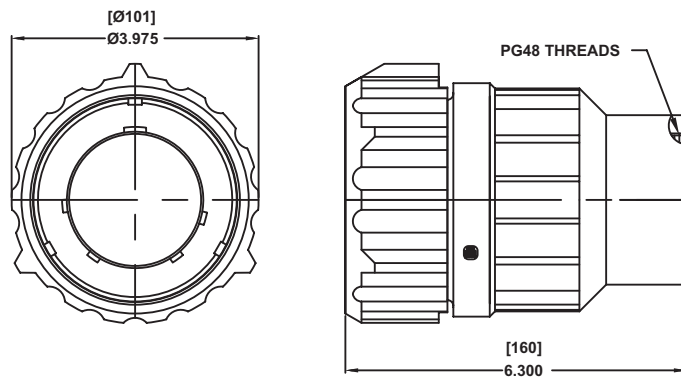
SHELL SIZE 52 TRANSIT CONNECTORS

1C

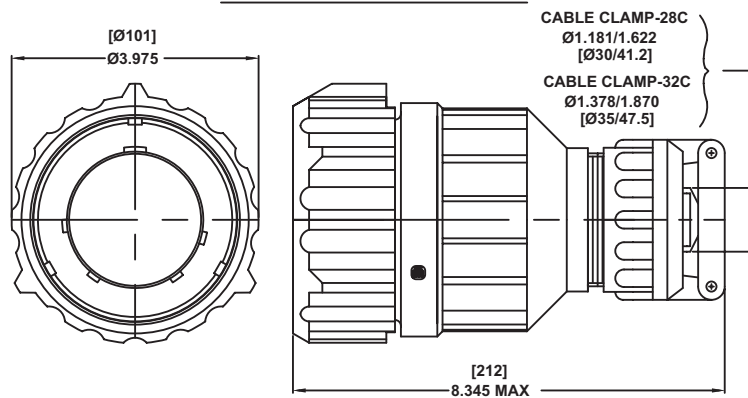
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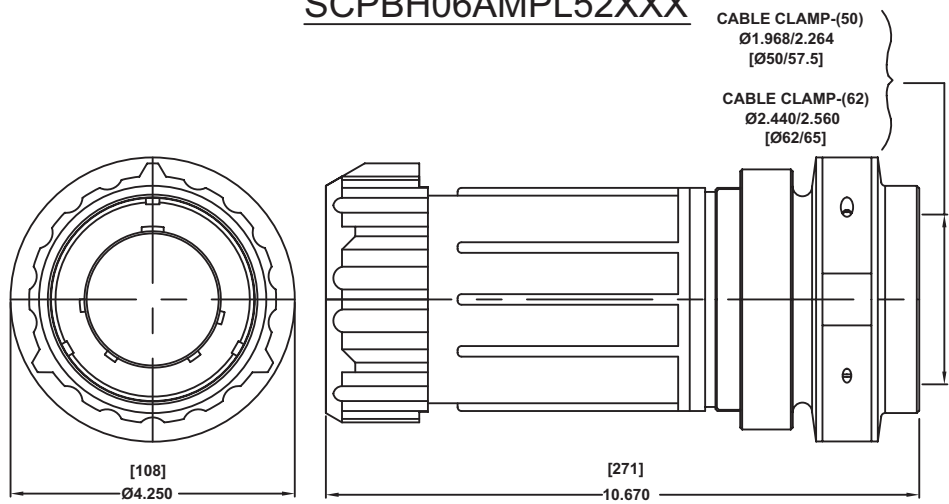


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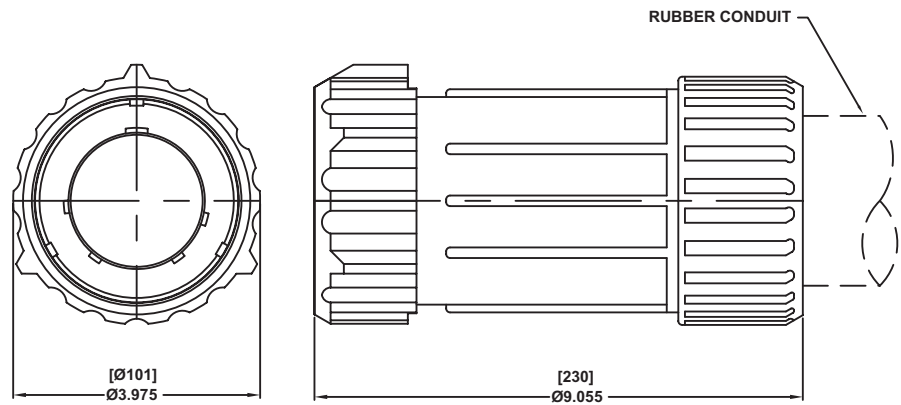


SHELL SIZE 52 TRANSIT CONNECTORS

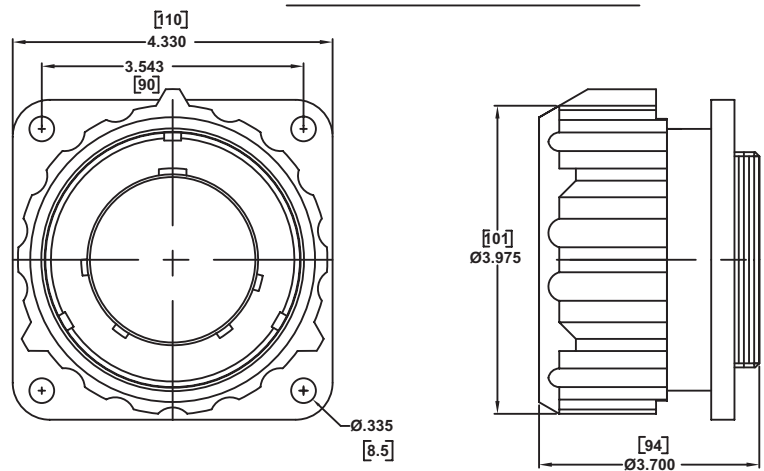
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SCPBH06NM52XXX



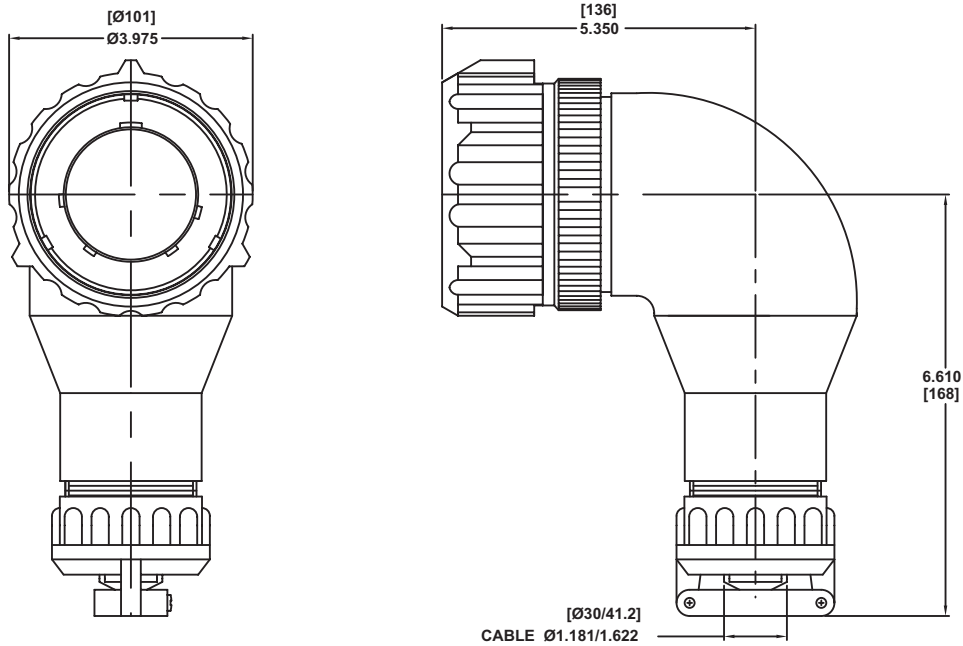
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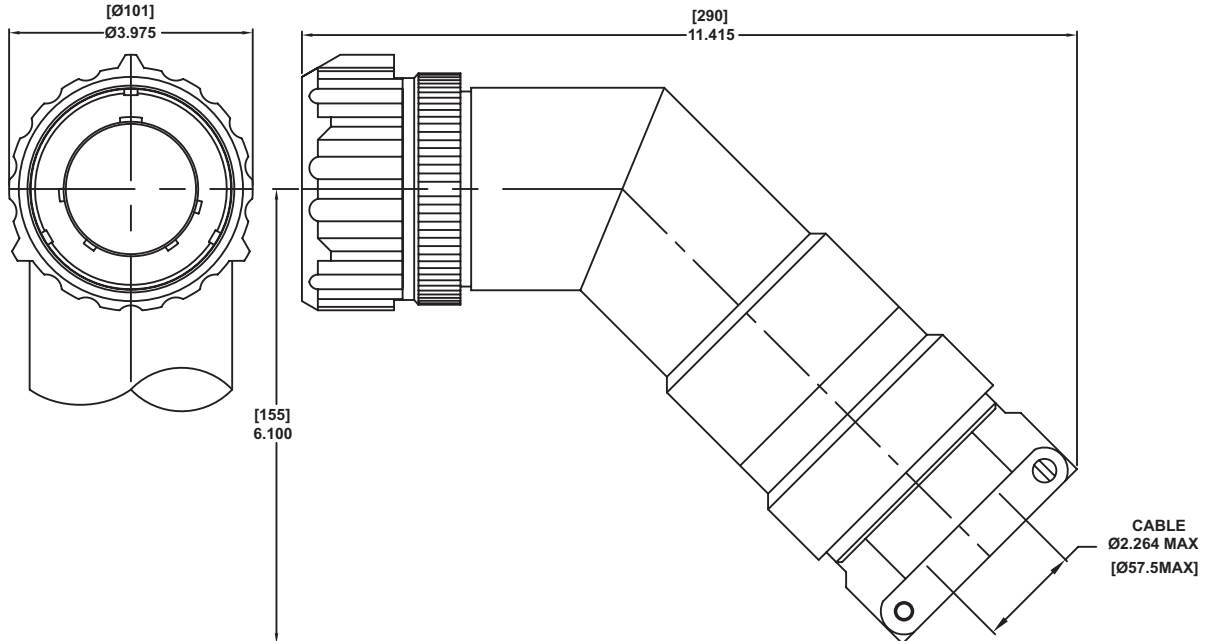
SHELL SIZE 52 TRANSIT CONNECTORS

1C

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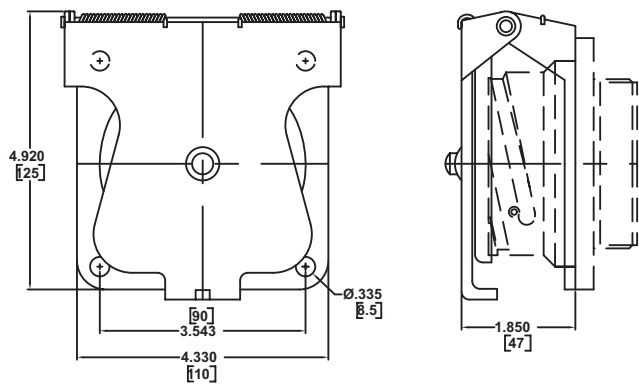


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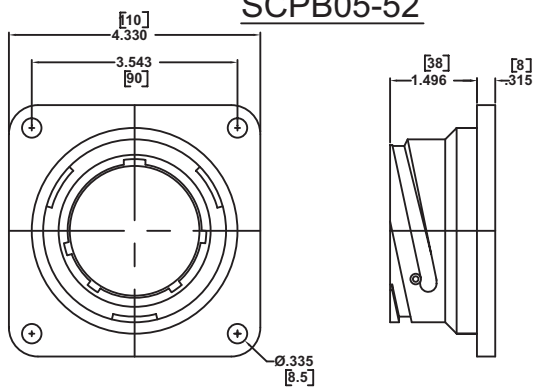


SHELL SIZE 52 TRANSIT CONNECTORS

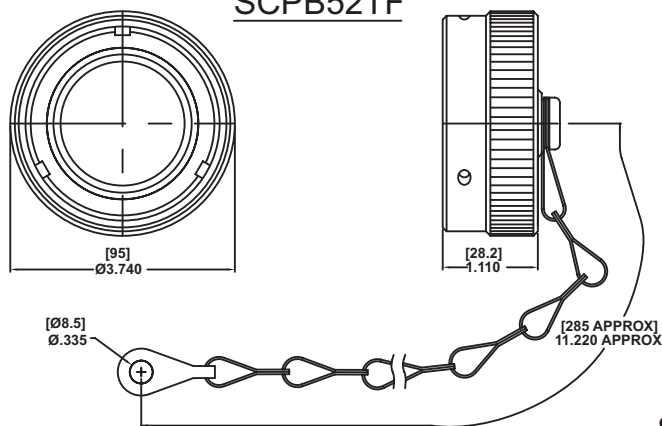
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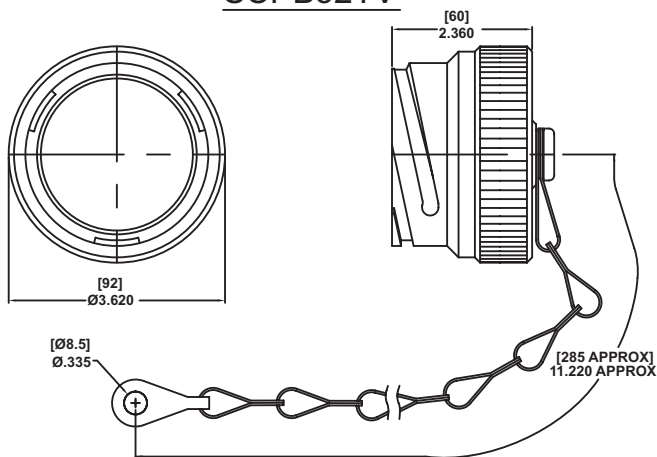
SCPB05-52



SCPB52TF



SCPB52TV

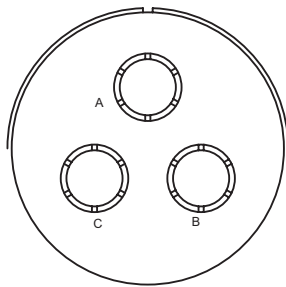


SHELL SIZE 52 TRANSIT CONNECTORS

1C

INSERT NUMBER	CONTACTS							ALTERNATE POSITIONS (Degree)				REMARKS
	TOTAL	SIZE										
		16	12	8	4	1/0	4/0	W	X	Y	Z	
52-3	3	-	-	-	-	-	3	-	-	-	-	
52-4	4	-	-	-	-	-	-	-	-	-	-	Special Contacts
52-6	6	-	3	-	-	-	3	-	-	-	-	
52-9	9	-	3	-	-	6	-	-	-	-	-	
52-12	12	-	-	5	-	7	-	-	-	-	-	
52-14	14	-	10	-	-	4	-	-	-	-	-	
52-42	42	-	42	-	-	-	-	-	-	-	-	
52-47	47	36	4	5	2	-	-	-	-	-	-	
52-49	49	-	44	-	5	-	-	-	-	-	-	
52-58	58	-	57	1	-	-	-	80	110	250	280	
52-66	66	-	66	-	-	-	-	-	-	-	-	
52-74	74	74	-	-	-	-	-	-	-	-	-	
52-101	101	101	-	-	-	-	-	-	-	-	-	

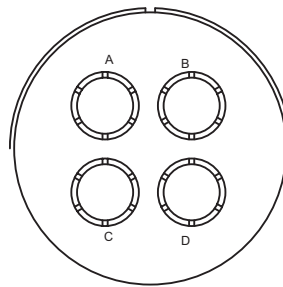
3 CONTACTS



Insert Arrangement
Number of Contacts
Contact Size
Service Rating

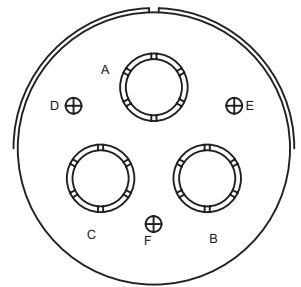
52-3
3
4/0
B

4 CONTACTS



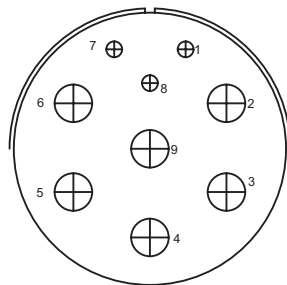
52-4
4
SPECIAL
D

6 CONTACTS



52-6
6
3-4/0; 3-12
B

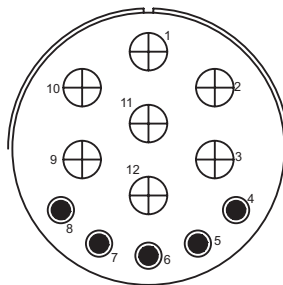
9 CONTACTS



Insert Arrangement
Number of Contacts
Contact Size
Service Rating

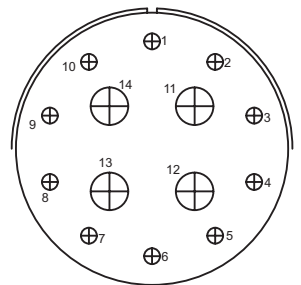
52-9
9
6-0; 3-12
D

12 CONTACTS



52-12
12
7-0; 5-8
A

14 CONTACTS



52-14
14
4-0; 10-12
D

Contact Legend:



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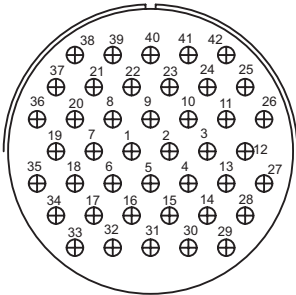
16 12 8 4 0 4/0

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SHELL SIZE 52 TRANSIT CONNECTORS

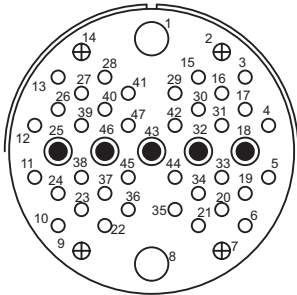
Continued from Previous Page

42 CONTACTS



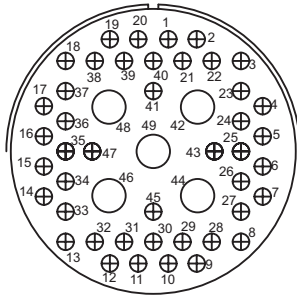
Insert Arrangement 52-42
Number of Contacts 42
Contact Size 12
Service Rating D

47 CONTACTS



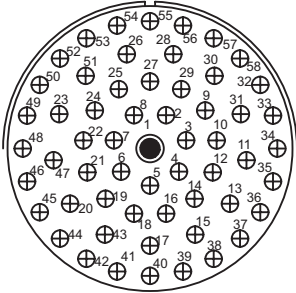
Insert Arrangement 52-47
Number of Contacts 47
Contact Size 2-4; 5-8; 4-12; 36-16
Service Rating D

49 CONTACTS



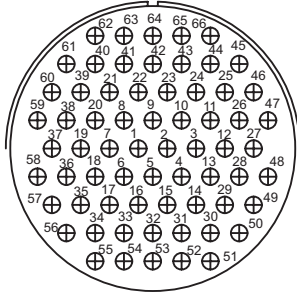
Insert Arrangement 52-49
Number of Contacts 49
Contact Size 5-4; 44-12
Service Rating A

58 CONTACTS



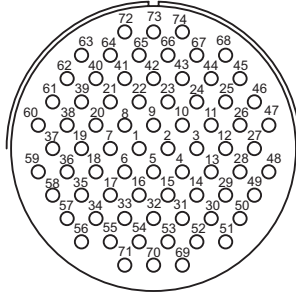
Insert Arrangement 52-58
Number of Contacts 58
Contact Size 1-8; 57-12
Service Rating A

66 CONTACTS



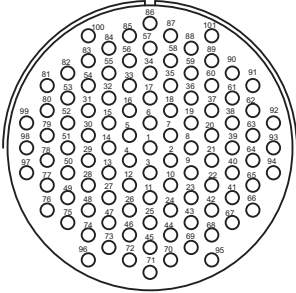
Insert Arrangement 52-66
Number of Contacts 66
Contact Size 12
Service Rating A

74 CONTACTS



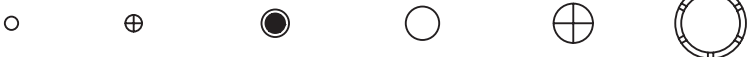
Insert Arrangement 52-74
Number of Contacts 74
Contact Size 16
Service Rating A

101 CONTACTS



Insert Arrangement 52-101
Number of Contacts 101
Contact Size 16
Service Rating A

Contact Legend:



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16 12 8 4 0 4/0



SECTION 2C

SCPB SERIES

CONNECTOR ACCESSORY

QUICK REFERENCE

(FOR COMPLETE DETAILS ON THESE PARTS SEE **SPACECRAFT CATALOG 401**)

ACCESSORY	SOLDER or F80 CRIMP
BACKSHELLS, ENVIRONMENTAL	
STRAIGHT - CABLE SEALING GLAND	B002*AB
STRAIGHT - FOR ANAMET CONDUIT	B031A*AB
STRAIGHT - FOR PG ADAPTER	B033A*AB
STRAIGHT - FOR PIPE THREAD (PT) ADAPTERS	B035A*AB
STRAIGHT - FOR SEALTITE™ LIQUIDTITE CONDUIT	B037A*AB
45° - CABLE SEALING GLAND	B002CC-AB
90° - CABLE SEALING GLAND	B002D-AB
BACKSHELLS, ENVIRONMENTAL EMI/RFI	
STRAIGHT - CONE TYPE	B004*AB
STRAIGHT - INVERTED CONE	B015*AB
STRAIGHT - 2 RING	B023*AB
STRAIGHT - LIGHTWEIGHT	B043*AB
45° - CONE TYPE	B004CC-AB
45° - INVERTED CONE TYPE	B005CC-AB
45° - 2 RING TYPE	B023CC-AB
45° - LIGHTWEIGHT	B043CC-AB
90° - CONE TYPE	B004D-AB
90° - INVERTED CONE TYPE	B015D-AB
90° - 2 RING TYPE	B023D-AB
90° - LIGHTWEIGHT	B043D-AB
BACKSHELLS, NON-ENVIRONMENTAL	
STRAIGHT	B001A-AB B001B-AB
45°	B001CC-AB
90°	B001D-AB

* Additional alpha-numerics are required to complete part number.

ACCESSORY	SOLDER or F80 CRIMP
BACKSHELLS, NON-ENVIRONMENTAL EMI/RFI	
STRAIGHT - CONE TYPE	B003*AB
STRAIGHT - INVERTED CONE TYPE	B014*AB
STRAIGHT - LIGHTWEIGHT	B043*AB
45° - CONE TYPE	B003CC-AB
45° - INVERTED CONE TYPE	B014CC-AB
45° - LIGHTWEIGHT	B042CC-AB
90° - CONE TYPE	B003D-AB
90° - INVERTED CONE TYPE	B014D-AB
90° - LIGHTWEIGHT	B043D-AB
BACKSHELLS, POTTING BOOTS & RINGS	
	NOTE 1
BACKSHELLS, SHIELD TERMINATIONS	
STRAIGHT - CRIMP RING - FOR SHRINK BOOT	B005*AB
STRAIGHT - CRIMP RING TYPE	B007*AB
45° - CRIMP RING - FOR SHRINK BOOT	B005CC*AB
45° - CRIMP RING TYPE	B007CC*AB
90° - CRIMP RING - FOR SHRINK BOOT	B005D*AB
90° - CRIMP RING TYPE	B007D*AB
SHIELD CRIMP RING	B049AF26-2
BACKSHELLS, SHORTING CANS	
	B012*AB B013*AB
BACKSHELLS, SHRINK BOOT ADAPTERS	
STRAIGHT BOOT ADAPTER	B006A*AB B006B*AB

NOTE 1 Contact Sales Department for part numbers and availability.

CONTINUED ON NEXT PAGE

SCPB SERIES

CONNECTOR ACCESSORY QUICK REFERENCE

CONTINUED FROM PREVIOUS PAGE

ACCESSORY	SOLDER or F80 CRIMP
BACKSHELLS, STRAIN RELIEF/CABLE CLAMPS	
STRAIGHT - CABLE CLAMP	MS3057-*A
	MS3057-*B
	MS3057-*C
DUMMY RECEPTACLES	
	DRP19
	SCPB05-*
DUST CAPS	
METAL, FOR PLUG	DCP19
	SCPB*TV
METAL, FOR RECEPTACLE	DCR19
	SCPB*TF
GASKET FOR FLANGE MOUNT RECEPTACLES	
ENVIRONMENTAL - EMI/RFI	M83528/004
ENVIRONMENTAL	MS51007-*
	MS52000-*
JAM NUTS	
	SC3186-*
MOUNTING PLATES	
	B049AF94
	B049AF95
	B049AF96
RUBBER BUSHINGS	
	MS3420-*
	MS3420-*A
SEALING PLUGS	
	MS25251
	M527488

NOTE 1 Contact Sales Department for part numbers and availability.



SECTION 3C

MIL-DTL-5015

SPECIAL FEATURES

TECHNICAL DATA

CONTACTS & TOOLS

3C

SPECIAL FEATURES

Spacecraft can supply connectors with:

1. Plugs with a self-locking coupling nut, which eliminates the need for safety wire. A low-cost coupling mechanism is available for all series.
2. Our connectors can provide superior EMI/RFI shielding by:
 - A. Providing full accessory teeth at the rear of the connector shell, thus minimizing "leakage".
 - B. To further enhance performance, plugs can be supplied with grounding fingers around the outside of the barrel.
 - C. Receptacles can be supplied with an internal grounding spring.
3. Shells/hardware can be provided in a high impact/strength aluminum as well as carbon steel, 300 series stainless and naval brass.
4. A wide range of finishes are available:
 - A. Anodize - both hard and soft.
 - B. Cadmium to pass 48, 96, 500 or 1000 hours salt spray.
 - C. Electroless nickel.
 - D. Zinc Boron.
 - E. Black zinc.
5. Standard insert material is neoprene, but can be provided in fuel-resistant Viton or halogen-free neoprene.
6. Various backshell configurations are available for environmental and non-environmental applications together with EMI/RFI protection. See our Catalog 401 for details.

TABLE I
CONTACT ARRANGEMENT
SERVICE RATING

MS SERVICE RATING	RECOMMENDED OPERATING VOLTAGE* AT SEA LEVEL		EFFECTIVE CREEPAGE DISTANCE NOM.	MECHANICAL SPACING NOM.
	DC	AC (RMS)		
INST.	250	200	1/16	
A	700	500	1/8	1/16
D	1250	900	3/16	1/8
E	1750	1250	1/4	3/16
B	2450	1750	5/16	1/4
C	4200	3000	1	5/16

* The values listed in Table I represent operating values which include a generous safety factor. It may be necessary for some applications to exceed the operating voltages listed here. If this is necessary, designers will find Table II useful for determining the degree to which the recommended values of Table I can be exceeded.

ELECTRICAL SERVICE DATA

Test current ratings of contacts and allowable voltage drop under test conditions when assembled as in service are shown below. Maximum total current to be carried per connector is the same as the allowable in wire bundles as specified in MIL-W-5088.

ALTITUDE VOLTAGE DERATING** CHART

MS SERVICE RATING	NOMINAL DISTANCE		STANDARD SEA LEVEL CONDITIONS		PRESSURE ALTITUDE† 50,000 FEET		PRESSURE ALTITUDE† 70,000 FEET	
	AIRSPACE	CREEPAGE	MINIMUM FLASHOVER VOLTAGE AC (RMS)	TEST VOLTAGE AC (RMS)	MINIMUM FLASHOVER VOLTAGE AC (RMS)	TEST VOLTAGE AC (RMS)	MINIMUM FLASHOVER VOLTAGE AC (RMS)	TEST VOLTAGE AC (RMS)
INST.	1/32	1/16	1400	1000	550	400	325	260
A	1/16	1/8	2800	2000	800	600	450	360
D	1/8	3/16	3600	2800	900	675	500	400
E	3/16	1/4	4500	3500	1000	750	550	440
B	1/4	5/16	5700	4500	1100	825	600	480
C	5/16	1	8500	7000	1300	975	700	560

† Not corrected for changes in density due to variations in temperature.

** No attempt has been made to recommend operating voltages. The designer must determine his own operating voltage by the application of a safety factor to the above derating chart to compensate for circuit transients, surges, etc.

CONTACT RATINGS

CONTACT SIZE	WIRE SIZE	RATED CURRENT	POTENTIAL DROP	MAX CURRENT
20	20	7.5A	83 mV	7.5A
18	18	7.5	83 mV	10A
16 & 16S	16 AWG	13 A	49 mV	22A
12	12 AWG	23 A	42 mV	41A
8	8 AWG	46 A	26 mV	73A
4	4 AWG	80 A	23 mV	135A
0	0 AWG	150 A	21 mV	245A
4/0	4/0	225A	53 mV	350A



SOLDER CONTACT CURRENT RATINGS*

MATING END SIZE	WIRE BARREL SIZE	ALLOWABLE WIRE SIZE	TEST CURRENT** AMPS
16/16S	16	16 18 20 22	13 10 7.5 5
12	12	12 14	23 17
8	8	8 10	46 33
4	4	4 6	80 60
0	0	0 1 2	150 125 100

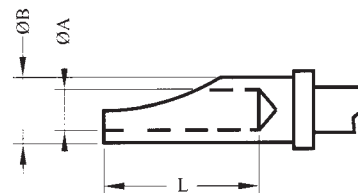


TABLE II. WIRE RANGE ACCOMMODATIONS

SOLDER CUP DIMENSIONS

CONTACT SIZE	A MIN	B	L
16	.069 [1.75]	.096/.116 [2.43/2.94]	.250/.313 [6.35/7.95]
12	.112 [2.84]	.130/.150 [3.30/3.81]	.375/.438 [9.52/11.12]
8	.205 [5.20]	.243/.259 [6.17/6.57]	.500/.563 [12.70/14.30]
4	.328 [8.33]	.370/.397 [9.39/10.08]	.625/.688 [15.87/17.47]
0	.464 [11.78]	.510/.550 [12.95/13.97]	.625/.688 [15.87/17.47]

Dimensions in brackets [] are in millimeters.

CONTACT SIZE	WIRE SIZE	OD OF FINISHED WIRE (INCH)					
		SOLDER CONTACT CONNECTORS		CRIMP CONTACT CONNECTORS			
		MIN	MAX	FRONT RELEASE		REAR RELEASE	
				MIN	MAX	MIN	MAX
16-16	20 18 16	.064 [1.63]	.130 [3.30]	0.66 [1.68]	.130 [3.30]	.053 [1.35]	.103 [2.62]
12-12	14 12	.114 [2.90]	.170 [4.32]	.097 [2.46]	.170 [4.32]	.085 [2.16]	.158 [4.01]
8-8	10 8	.164 [4.17]	.255 [6.48]	.132 [3.35]	.255 [6.48]	.132 [3.35]	.255 [6.48]
4-4	6 4	.272 [6.91]	.370 [9.40]	.237 [6.02]	.370 [9.40]	.237 [6.02]	.370 [9.40]
0-0	2 0	.415 [10.54]	.550 [13.97]	.360 [9.14]	.550 [13.97]	.360 [9.14]	.550 [13.97]

* Solder Wells Filled

** Contact ratings as stated are test ratings only. The connector could not withstand full rated current through all contacts continuously. Please note that the electrical data given is not an establishment of electrical safety factors. This is left entirely in the designer's hands as he can best determine which peak voltage, switching surges, transients, etc. can be expected in a particular circuit.

MIL-DTL-5015 SERIES I - SOLDER CONTACTS

SIZE	PIN	PIN FILLED SOLDER CUP (Note 1)	SOCKET (Note 1)	SOCKET FILLED SOLDER CUP (Note 1)	MATERIAL	FINISH	COLOR CODE
16S	P12-5100-310	P12-5100-315	S12-5100-610	S12-5100-615	Note 2	Silver	—
16S	P12-5100-000	—	S12-5100-000	—	Alumel	None	Green
16S	P12-5100-010	—	S12-5100-010	—	Chromel	None	White
16S	P12-5100-020	—	S12-5100-020	—	Constantan	None	Black
16S	P12-5100-040	—	S12-5100-040	—	Iron	Cadmium	Yellow
16	P12-3800-310	P12-3800-315	S12-3800-610	S12-3800-615	Note 2	Silver	—
16	P12-3800-000	—	S12-3800-000	—	Alumel	None	Green
16	P12-3800-010	—	S12-3800-010	—	Chomel	None	White
16	P12-3800-020	—	S12-3800-020	—	Constantan	None	Black
16	P12-3800-040	—	S12-3800-040	—	Iron	Cadmium	Yellow
12	P12-6500-310	P12-6500-315	S12-6500-610	S12-6500-615	Note 2	Silver	—
12	P12-6500-000	—	S12-6500-000	—	Alumel	None	Green
12	P12-6500-010	—	S12-6500-010	—	Chromel	None	White
12	P12-6500-020	—	S12-6500-020	—	Constantan	None	Black
12	P12-6500-040	—	S12-6500-040	—	Iron	Cadmium	Yellow
8	P12-7900-310	P12-7900-315	S12-7900-510	S12-7900-515	Note 2	Silver	—
4	P12-8500-310	P12-8500-315	S12-8500-510	S12-8500-515	Note 2	Silver	—
1/0	P12-9200-310	P12-9200-315	S12-9200-510	S12-9200-515	Note 2	Silver	—

Note 1: Only MS3100 thru MS3108 and MS25183 connectors are supplied with solder filled cups

Note 2: Pins are brass; Sockets are copper.

MIL-DTL-5015

PIN F80 CRIMP CONTACTS

ORDERING INFORMATION

R12 - 36 15 - 140

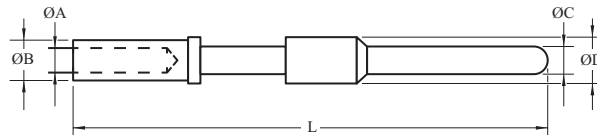
SERIES PREFIX ——— **MODIFICATION**
R12 MIL-DTL-5015 crimp F80 pin contact. Consult Sales Department.

CONTACT SIZE ——— **MATERIAL/FINISH**

CODE	25	36	49	64	79	85	92	97
SIZE	18	16	16S	12	8	4	1/0	4/0

WIRE RANGE ———
 See Table below.

000 Alumel/none.
010 Chromel/none.
020 Constantan/none.
040 Iron/cadmium.
110 Copper/silver.
140 Copper/gold.
142 Copper/gold 0.000030.



PART NUMBER	SIZE	MATERIAL	FINISH	FOR WIRE SIZE		A	B	C	D	L
				AWG	MM ²					
R12-2500-110	18	Copper	Silver	20-26	0.60-0.15	.052 [1.30]	.076 [1.93]	.055 [1.46]	0.95 [2.40]	1.165 [29.61]
R12-3632-110	16	Copper	Silver	28-32	—	.018 [0.45]	.077 [1.95]	.062 [1.58]	.126 [3.20]	1.250 [31.75]
R12-3608-110	16	Copper	Silver	24-26	0.20-0.15	.034 [.085]	.061 [1.55]	.062 [1.58]	.126 [3.20]	1.250 [31.75]
R12-3613-110	16	Copper	Silver	20-26	0.60-0.15	.052 [1.30]	.076 [1.93]	.062 [1.58]	.126 [3.20]	1.250 [31.75]
R12-3612-110	16	Copper	Silver	20	0.60	.048 [1.20]	.102 [2.60]	.062 [1.58]	.126 [3.20]	1.250 [31.75]
R12-3615-110	16	Copper	Silver	18-20	1.0	.060 [1.50]	.102 [2.60]	.062 [1.58]	.126 [3.20]	1.250 [31.75]
R12-3600-110	16	Copper	Silver	16-18	1.5-1.0	.067 [1.70]	.102 [2.60]	.062 [1.58]	.126 [3.20]	1.250 [31.75]
R12-3600-000	16	Alumel	None	16	1.5-1.0	.067 [1.70]	.102 [2.60]	.062 [1.58]	.126 [3.20]	1.250 [31.75]
R12-3600-010	16	Chromel	None	16	1.5-1.0	.067 [1.70]	.102 [2.60]	.062 [1.58]	.126 [3.20]	1.250 [31.75]
R12-3600-020	16	Constantan	None	16	1.5-1.0	.067 [1.70]	.102 [2.60]	.062 [1.58]	.126 [3.20]	1.250 [31.75]
R12-3600-040	16	Iron	Cadmium	16	1.5-1.0	.067 [1.70]	.102 [2.60]	.062 [1.58]	.126 [3.20]	1.250 [31.75]
R12-3620-110	16	Copper	Silver	14	2.0	.078 [2.00]	.115 [2.90]	.062 [1.58]	.126 [3.20]	1.250 [31.75]
R12-3626-110	16	Copper	Silver	12	3.0	.099 [2.50]	.150 [3.80]	.062 [1.58]	.126 [3.20]	1.250 [31.75]
R12-4913-110	16S	Copper	Silver	20-26	0.60-0.15	.052 [1.30]	.076 [1.93]	.062 [1.58]	.126 [3.20]	1.050 [26.65]
R12-4912-110	16S	Copper	Silver	20	0.60	.048 [1.20]	.102 [2.60]	.062 [1.58]	.126 [3.20]	1.050 [26.65]
R12-4915-110	16S	Copper	Silver	18	1.0	.060 [1.50]	.102 [2.60]	.062 [1.58]	.126 [3.20]	1.050 [26.65]
R12-4900-110	16S	Copper	Silver	16-18	1.5	.067 [1.70]	.102 [2.60]	.062 [1.58]	.126 [3.20]	1.050 [26.65]
R12-4900-000	16S	Alumel	None	16	1.5	.067 [1.70]	.102 [2.60]	.062 [1.58]	.126 [3.20]	1.050 [26.65]
R12-4900-010	16S	Chromel	None	16	1.5	.067 [1.70]	.102 [2.60]	.062 [1.58]	.126 [3.20]	1.050 [26.65]
R12-4900-020	16S	Constantan	None	16	1.5	.067 [1.70]	.102 [2.60]	.062 [1.58]	.126 [3.20]	1.050 [26.65]
R12-4900-040	16S	Iron	Cadmium	16	1.5	.067 [1.70]	.102 [2.60]	.062 [1.58]	.126 [3.20]	1.050 [26.65]
R12-4920-110	16S	Copper	Silver	14	2.0	.078 [2.00]	.115 [2.90]	.062 [1.58]	.126 [3.20]	1.050 [26.65]
R12-4926-110	16S	Copper	Silver	12	3.0	.099 [2.50]	.150 [3.80]	.062 [1.58]	.126 [3.20]	1.050 [26.65]

PART NUMBER	SIZE	MATERIAL	FINISH	FOR WIRE SIZE		A	B	C	D	L
				AWG	MM ²					
R12-6412-110	12	Copper	Silver	20	0.60	.048 [1.20]	.102 [2.60]	.093 [2.38]	.189 [4.80]	1.480 [37.65]
R12-6415-110	12	Copper	Silver	18	1.0	.060 [1.50]	.134 [3.40]	.093 [2.38]	.189 [4.80]	1.480 [37.65]
R12-6420-110	12	Copper	Silver	14-18	2.0-1.0	.078 [2.00]	1.50 [3.80]	.093 [2.38]	.189 [4.80]	1.480 [37.65]
R12-6422-110	12	Copper	Silver	—	2.5	.087 [2.20]	.150 [3.80]	.093 [2.38]	.189 [4.80]	1.480 [37.65]
R12-6400-110	12	Copper	Silver	12	3.0	.099 [2.50]	.154 [3.90]	.093 [2.38]	.189 [4.80]	1.480 [37.65]
R12-6400-000	12	Alumel	None	12	3.0	.099 [2.50]	.154 [3.90]	.093 [2.38]	.189 [4.80]	1.480 [37.65]
R12-6400-010	12	Chromel	None	12	3.0	.099 [2.50]	.154 [3.90]	.093 [2.38]	.189 [4.80]	1.480 [37.65]
R12-6400-020	12	Constantan	None	12	3.0	.099 [2.50]	.154 [3.90]	.093 [2.38]	.189 [4.80]	1.480 [37.65]
R12-6400-040	12	Iron	Cadmium	12	3.0	.099 [2.50]	.154 [3.90]	.093 [2.38]	.189 [4.80]	1.480 [37.65]
R12-6430-110	12	Copper	Silver	—	4.0	.118 [3.00]	.176 [4.80]	.093 [2.38]	.189 [4.80]	1.480 [37.65]
R12-6431-110	12	Copper	Silver	—	4.0	.130 [3.30]	.166 [4.20]	.093 [2.38]	.189 [4.80]	1.480 [37.65]
R12-6438-110	12	Copper	Silver	10	6.0	.142 [3.60]	.176 [4.80]	.093 [2.38]	.189 [4.80]	1.480 [37.65]
R12-6408-110	12	Copper	Silver	8	9.0	.177 [4.50]	.272 [6.90]	.093 [2.38]	.189 [4.80]	1.480 [37.65]
R12-7915-110	8	Copper	Silver	18	1.0	0.60 [1.50]	.134 [3.40]	.141 [3.59]	.307 [7.80]	1.603 [40.70]
R12-7918-110	8	Copper	Silver	14-18	2.0-1.0	0.71 [1.80]	.150 [3.80]	.141 [3.59]	.307 [7.80]	1.603 [40.70]
R12-7926-110	8	Copper	Silver	12	3.0	.099 [2.50]	.154 [3.90]	.141 [3.59]	.307 [7.80]	1.603 [40.70]
R12-7930-110	8	Copper	Silver	—	4.0	.118 [3.00]	.176 [4.80]	.141 [3.59]	.307 [7.80]	1.603 [40.70]
R12-7900-110	8	Copper	Silver	8	9.0	.177 [4.50]	.272 [6.90]	.141 [3.59]	.307 [7.80]	1.603 [40.70]
R12-7950-110	8	Copper	Silver	—	10.0	.201 [5.00]	.272 [6.90]	.141 [3.59]	.307 [7.80]	1.603 [40.70]
R12-7958-110	8	Copper	Silver	6	13.2	.229 [5.80]	.307 [7.80]	.141 [3.59]	.307 [7.80]	1.603 [40.70]
R12-8522-110	4	Copper	Silver	—	2.5	.087 [2.20]	.150 [3.80]	.225 [5.70]	.433 [11.00]	1.625 [41.25]
R12-8526-110	4	Copper	Silver	12	3.0	.099 [2.50]	.150 [3.80]	.225 [5.70]	.433 [11.00]	1.625 [41.25]
R12-8530-110	4	Copper	Silver	—	4.0	.118 [3.00]	.189 [4.80]	.225 [5.70]	.433 [11.00]	1.625 [41.25]
R12-8550-110	4	Copper	Silver	—	10.0	.201 [5.00]	.275 [7.00]	.225 [5.70]	.433 [11.00]	1.625 [41.25]
R12-8562-110	4	Copper	Silver	—	16.0	.244 [6.20]	.374 [9.50]	.225 [5.70]	.433 [11.00]	1.625 [41.25]
R12-8500-110	4	Copper	Silver	4	22.0	.281 [7.10]	.375 [9.53]	.225 [5.70]	.433 [11.00]	1.625 [41.25]
R12-8525-110	4	Copper	Silver	—	25.0	.307 [7.80]	.374 [9.50]	.225 [5.70]	.433 [11.00]	1.625 [41.25]
R12-8535-110	4	Copper	Silver	—	35.0	.354 [9.00]	.565 [14.35]	.225 [5.70]	.433 [11.00]	1.625 [41.25]
R12-9245-110	1/0	Copper	Silver	8	9.0	.177 [4.55]	.268 [6.80]	.356 [9.05]	.595 [15.11]	1.803 [46.50]
R12-9250-110	1/0	Copper	Silver	—	10.0	.201 [5.00]	.275 [7.00]	.356 [9.05]	.595 [15.11]	1.803 [46.50]
R12-9246-110	1/0	Copper	Silver	4	22.0	.281 [7.15]	.375 [9.53]	.356 [9.05]	.595 [15.11]	1.803 [46.50]
R12-9225-110	1/0	Copper	Silver	—	25.0	.307 [7.80]	.374 [9.50]	.356 [9.05]	.595 [15.11]	1.803 [46.50]
R12-9235-110	1/0	Copper	Silver	—	35.0	.354 [9.00]	.565 [14.35]	.356 [9.05]	.595 [15.11]	1.803 [46.50]
R12-9275-110	1/0	Copper	Silver	—	50.0	.421 [10.70]	.565 [14.35]	.356 [9.05]	.595 [15.11]	1.803 [46.50]
R12-9200-110	1/0	Copper	Silver	1/0	53.0	.453 [11.50]	.565 [14.35]	.356 [9.05]	.595 [15.11]	1.803 [46.50]
R12-9790-110	4/0	Copper	Silver	2	33.5	.354 [9.0]	.565 [14.35]	.500 [12.69]	.787 [20.0]	2.35 [59.7]
R12-97115-110	4/0	Copper	Silver	1/0	53.0	.453 [11.5]	.565 [14.35]	.500 [12.69]	.787 [20.0]	2.33 [59.2]
R12-97135-110	4/0	Copper	Silver	2/0	67.4	.532 [13.5]	.650 [16.5]	.500 [12.69]	.787 [20.0]	2.40 [60.9]
R12-9700-110	4/0	Copper	Silver	4/0	107.0	.650 [16.5]	.787 [20.0]	.500 [12.69]	.787 [20.0]	2.60 [65.9]

3C



MIL-DTL-5015

SOCKET F80 CRIMP CONTACTS

ORDERING INFORMATION

T12 - 36 15 - 540

SERIES PREFIX

T12 MIL-DTL-5015 crimp F80 socket contact.

CONTACT SIZE

CODE	25	36	49	64	79	80	85	86	92	93	97
SIZE	18	16	16S	12	8	8*	4	4*	1/0	1/0*	4/0*

* Indicates closed entry socket.

WIRE RANGE

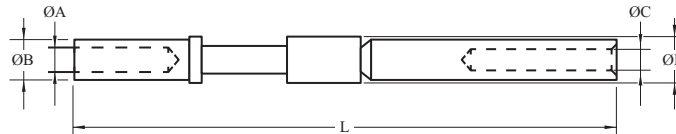
See Table below.

MODIFICATION

Consult Sales Department.

MATERIAL/FINISH

000 Alumel/none. **140** Copper/gold.
010 Chromel/none. **142** Copper/gold 0.000030.
020 Constantan/none. **510*** Copper/silver.
040 Iron/cadmium. **540*** Copper/gold.
110 Copper/silver. **542*** Copper/gold 0.000030.
 * Applies only to socket contacts sizes 8, 4, 1/0 and 4/0.



PART NUMBER	SIZE	MATERIAL	FINISH	FOR WIRE SIZE		A	B	C	D	L
				AWG	MM ²					
T12-2500-110	18	Copper	Silver	20-26	0.60-0.15	.052 [1.30]	.076 [1.93]	.056 [1.46]	.095 [2.40]	1.197 [34.4]
T12-3632-110	16	Copper	Silver	28-32	—	.018 [0.45]	.077 [1.95]	.065 [1.65]	.126 [3.20]	1.440 [36.50]
T12-3608-110	16	Copper	Silver	24-26	0.20-0.15	.034 [0.85]	.061 [1.55]	.065 [1.65]	.126 [3.20]	1.440 [36.50]
T12-3613-110	16	Copper	Silver	20-26	0.60-0.15	.052 [1.30]	.076 [1.93]	.065 [1.65]	.126 [3.20]	1.440 [36.50]
T12-3612-110	16	Copper	Silver	20	0.60	.048 [1.20]	.102 [2.60]	.065 [1.65]	.126 [3.20]	1.440 [36.50]
T12-3615-110	16	Copper	Silver	18-20	1.0	.060 [1.50]	.102 [2.60]	.065 [1.65]	.126 [3.20]	1.440 [36.50]
T12-3600-110	16	Copper	Silver	16-18	1.5-1.0	.067 [1.70]	.102 [2.60]	.065 [1.65]	.126 [3.20]	1.440 [36.50]
T12-3600-000	16	Alumel	None	16	1.5	.067 [1.70]	.102 [2.60]	.065 [1.65]	.126 [3.20]	1.440 [36.50]
T12-3600-010	16	Chromel	None	16	1.5	.067 [1.70]	.102 [2.60]	.065 [1.65]	.126 [3.20]	1.440 [36.50]
T12-3600-020	16	Constantan	None	16	1.5	.067 [1.70]	.102 [2.60]	.065 [1.65]	.126 [3.20]	1.440 [36.50]
T12-3600-040	16	Iron	Cadmium	16	1.5	.067 [1.70]	.102 [2.60]	.065 [1.65]	.126 [3.20]	1.440 [36.50]
T12-3620-110	16	Copper	Silver	14	2.0	.078 [2.00]	.115 [2.90]	.065 [1.65]	.126 [3.20]	1.440 [36.50]
T12-3626-110	16	Copper	Silver	12	3.0	.099 [2.50]	.150 [3.80]	.065 [1.65]	.126 [3.20]	1.440 [36.50]
T12-4913-110	16S	Copper	Silver	20-26	0.60-0.15	.052 [1.30]	.076 [1.93]	.065 [1.65]	.126 [3.20]	1.050 [26.65]
T12-4912-110	16S	Copper	Silver	20	0.60	.048 [1.20]	.102 [2.60]	.065 [1.65]	.126 [3.20]	1.050 [26.65]
T12-4915-110	16S	Copper	Silver	18	1.0	.060 [1.50]	.102 [2.60]	.065 [1.65]	.126 [3.20]	1.050 [26.65]
T12-4900-110	16S	Copper	Silver	16-18	1.5-1.0	.067 [1.70]	.102 [2.60]	.065 [1.65]	.126 [3.20]	1.050 [26.65]
T12-4900-000	16S	Alumel	None	16	1.5	.067 [1.70]	.102 [2.60]	.065 [1.65]	.126 [3.20]	1.050 [26.65]
T12-4900-010	16S	Chromel	None	16	1.5	.067 [1.70]	.102 [2.60]	.065 [1.65]	.126 [3.20]	1.050 [26.65]
T12-4900-020	16S	Constantan	None	16	1.5	.067 [1.70]	.102 [2.60]	.065 [1.65]	.126 [3.20]	1.050 [26.65]
T12-4900-040	16S	Iron	Cadmium	16	1.5	.067 [1.70]	.102 [2.60]	.065 [1.65]	.126 [3.20]	1.050 [26.65]
T12-4920-110	16S	Copper	Silver	14	2.0	.078 [2.00]	.115 [2.90]	.065 [1.65]	.126 [3.20]	1.050 [26.65]
T12-4926-110	16S	Copper	Silver	12	3.0	.099 [2.50]	.150 [3.80]	.065 [1.65]	.126 [3.20]	1.050 [26.65]



MIL-DTL-5015

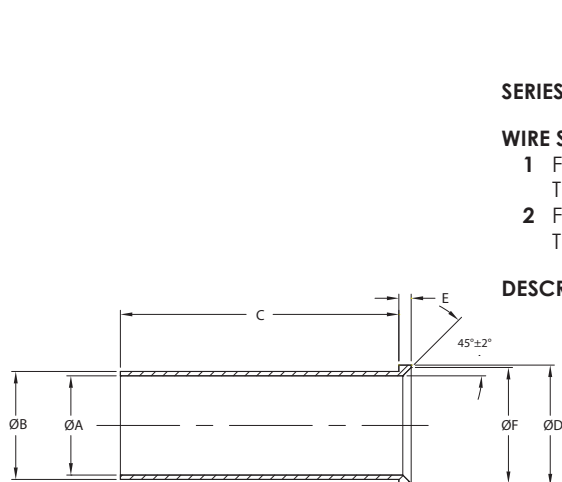
SOCKET F80 CRIMP CONTACTS

PART NUMBER	SIZE	MATERIAL	FINISH	FOR WIRE SIZE		A	B	C	D	L
				AWG	MM ²					
T12-6412-110	12	Copper	Silver	20	0.60	.048 [1.20]	.102 [2.60]	.098 [2.48]	.189 [4.80]	1.480 [37.65]
T12-6415-110	12	Copper	Silver	18	1.0	.060 [1.50]	.134 [3.40]	.098 [2.48]	.189 [4.80]	1.480 [37.65]
T12-6420-110	12	Copper	Silver	14-18	2.0-1.0	.078 [2.00]	.150 [3.80]	.098 [2.48]	.189 [4.80]	1.480 [37.65]
T12-6422-110	12	Copper	Silver	—	2.5	.087 [2.20]	.150 [3.80]	.098 [2.48]	.189 [4.80]	1.480 [37.65]
T12-6400-000	12	Alumel	None	12	3.0	.099 [2.50]	.154 [3.90]	.098 [2.48]	.189 [4.80]	1.480 [37.65]
T12-6400-010	12	Chromel	None	12	3.0	.099 [2.50]	.154 [3.90]	.098 [2.48]	.189 [4.80]	1.480 [37.65]
T12-6400-020	12	Constantan	None	12	3.0	.099 [2.50]	.154 [3.90]	.098 [2.48]	.189 [4.80]	1.480 [37.65]
T12-6400-040	12	Iron	Cadmium	12	3.0	.099 [2.50]	.154 [3.90]	.098 [2.48]	.189 [4.80]	1.480 [37.65]
T12-6400-110	12	Copper	Silver	12	3.0	.099 [2.50]	.154 [3.90]	.098 [2.48]	.189 [4.80]	1.480 [37.65]
T12-6430-110	12	Copper	Silver	—	4.0	.118 [3.00]	.189 [4.80]	.098 [2.48]	.189 [4.80]	1.480 [37.65]
T12-6431-110	12	Copper	Silver	—	4.0	.130 [3.30]	.166 [4.20]	.098 [2.48]	.189 [4.80]	1.480 [37.65]
T12-6438-110	12	Copper	Silver	10	6.0	.142 [3.60]	.189 [4.80]	.098 [2.48]	.189 [4.80]	1.480 [37.65]
T12-6408-110	12	Copper	Silver	8	9.0	.177 [4.50]	.272 [6.90]	.098 [2.48]	.189 [4.80]	1.480 [37.65]
T12-7915-510	8	Copper	Silver	18	1.0	.060 [1.50]	.134 [3.40]	.147 [3.73]	.307 [7.80]	1.595 [40.50]
T12-7918-510	8	Copper	Silver	14-18	2.0-1.0	.071 [1.80]	.150 [3.80]	.147 [3.73]	.307 [7.80]	1.595 [40.50]
T12-7926-510	8	Copper	Silver	12	3.0	.099 [2.50]	.154 [3.90]	.147 [3.73]	.307 [7.80]	1.595 [40.50]
T12-7930-510	8	Copper	Silver	—	4.0	.118 [3.00]	.176 [4.40]	.147 [3.73]	.307 [7.80]	1.595 [40.50]
T12-7900-510	8	Copper	Silver	8	9.0	.177 [4.50]	.272 [6.90]	.147 [3.73]	.307 [7.80]	1.595 [40.50]
T12-7950-510	8	Copper	Silver	—	10.0	.201 [5.00]	.272 [6.90]	.147 [3.73]	.307 [7.80]	1.595 [40.50]
T12-7958-510	8	Copper	Silver	6	13.2	.229 [5.80]	.307 [7.80]	.147 [3.73]	.307 [7.80]	1.595 [40.50]
T12-8522-510	4	Copper	Silver	—	2.5	.087 [2.20]	.150 [3.80]	.230 [5.84]	.433 [11.00]	1.625 [41.25]
T12-8526-510	4	Copper	Silver	12	3.0	.099 [2.50]	.150 [3.80]	.230 [5.84]	.433 [11.00]	1.625 [41.25]
T12-8530-510	4	Copper	Silver	—	4.0	.118 [3.00]	.189 [4.80]	.230 [5.84]	.433 [11.00]	1.625 [41.25]
T12-8550-510	4	Copper	Silver	—	10.0	.201 [5.00]	.275 [7.00]	.230 [5.84]	.433 [11.00]	1.625 [41.25]
T12-8562-510	4	Copper	Silver	—	16.0	.244 [6.20]	.374 [9.50]	.230 [5.84]	.433 [11.00]	1.625 [41.25]
T12-8500-510	4	Copper	Silver	4	22.0	.281 [7.15]	.375 [9.50]	.230 [5.84]	.433 [11.00]	1.625 [41.25]
T12-8525-510	4	Copper	Silver	—	25.0	.307 [7.80]	.374 [9.50]	.230 [5.84]	.433 [11.00]	1.625 [41.25]
T12-8535-510	4	Copper	Silver	—	35.0	.354 [9.00]	.565 [14.35]	.230 [5.84]	.433 [11.00]	1.625 [41.25]
T12-9245-510	1/0	Copper	Silver	8	9.0	.177 [4.55]	.268 [6.80]	.365 [9.20]	.595 [15.11]	1.830 [46.50]
T12-9250-510	1/0	Copper	Silver	—	10.0	.201 [5.00]	.275 [7.00]	.365 [9.20]	.595 [15.11]	1.830 [46.50]
T12-9246-510	1/0	Copper	Silver	4	22.0	.281 [7.15]	.375 [9.53]	.365 [9.20]	.595 [15.11]	1.830 [46.50]
T12-9225-510	1/0	Copper	Silver	—	25.0	.307 [7.80]	.374 [9.50]	.365 [9.20]	.595 [15.11]	1.830 [46.50]
T12-9235-510	1/0	Copper	Silver	—	35.0	.354 [9.00]	.565 [14.35]	.365 [9.20]	.595 [15.11]	1.830 [46.50]
T12-9275-510	1/0	Copper	Silver	—	50.0	.421 [10.70]	.565 [14.35]	.365 [9.20]	.595 [15.11]	1.830 [46.50]
T12-9200-510	1/0	Copper	Silver	1/0	53.0	.453 [11.50]	.565 [14.35]	.365 [9.20]	.595 [15.11]	1.830 [46.50]
T12-9790-510	4/0	Copper	Silver	2	33.5	.354 [9.0]	.565 [14.35]	.506 [12.85]	.787 [20.0]	2.29 [58.2]
T12-97115-510	4/0	Copper	Silver	1/0	53.0	.453 [11.5]	.565 [14.35]	.506 [12.85]	.787 [20.0]	2.22 [56.3]
T12-97135-510	4/0	Copper	Silver	2/0	67.4	.532 [13.5]	.650 [16.5]	.506 [12.85]	.787 [20.0]	2.28 [58.0]
T12-9700-510	4/0	Copper	Silver	4/0	107.0	.650 [16.5]	.787 [20.0]	.506 [12.85]	.787 [20.0]	2.49 [63.0]

3C

907-2*** SERIES

CRIMP ADAPTER FOR WIRE SIZE SMALLER/LARGER THAN CONTACT



907 - 2 XXX - XXX

SERIES PREFIX ———

WIRE SIZE ———

1 For Wire Size Larger Than Contact

2 For Wire Size Smaller Than Contact

DESCRIPTIVE NUMBER ———

MATERIAL/FINISH ———

CODE	MATERIAL	FINISH
-000*	360 Brass	Silver over nickel
-011*	360 Brass	Silver over nickel
-100	353 Brass	Unplated
-110	353 Brass	Silver over nickel
-140	353 Brass	Light gold over nickel
-142	353 Brass	Heavy gold over nickel

* Material/finish codes -000 & -011 are obsolete. Both replaced by -110

PART NUMBER	CRIMP CONTACT WIRE BARREL SIZE AWG	WIRE SIZE AWG	WIRE SIZE MM	A +.002 -.003	B +.002 -.003	C +/- .015	D +/- .010	E +/- .010	F +/- .005
907-1050-***	22	20		See page 3C-10					
907-2005-***	20	26	0.15						
907-2011-***	20	26		#.023	.042	.120	.069	.015	.050
907-2010-***	20	24-30		.027	.042	.120	.069	.015	.050
907-1040-***	20	16		See page 3C-10					
907-1030-***	20	12							
907-2012-***	16		0.12		.063			.015	.068
907-2013-***	16	26			.063			.015	.068
907-2016-***	16	24			.063			.015	.068
907-2020-***	16	22-24		.035	.063	.230	.100	.015	.068
907-2021-***	16	22		#.035	.063	.230	.100	.015	.068
907-2022-***	16	22		.035	.063	.190	.100	.015	.068
907-2025-***	16	22		.043	.059	.149	.100	.015	.068
907-2030-***	16	20	0.60	.045	.063	.230	.100	.015	.068
907-1020-***	16	12		See page 3C-10					
907-2037-***	14	22		.043	.070	.230	.100	.015	.068
907-2039-***	12	18			.094		.140	.015	
907-2038-***	12	20		.046	.094	.221	.140	.015	
907-2040-***	12	16	1.50	.069	.094	.230	.140	.015	.092
907-1010-***	12	10		See page 3C-10					
907-2043-***	6.0 MM		1.50					.015	
907-2045-***	6.0 MM		2.50					.015	
907-2049-***	8	18	1.0		.173		.250	.031	.188
907-2050-***	8	16	1.5	.069	.173	.380	.250	.031	.188
907-2053-***	8		2.5		.173		.250	.031	.188
907-2055-***	8	14		.086	.173	.422	.250	.031	.188
907-2056-***	8		4.0		.173		.250	.031	.188
907-2060-***	8	12	3.0	.098	.173	.380	.250	.031	.188
907-2061-***	8	12		@.101	.173	.380	.250	.031	.188
907-2062-***	8	12		@.101	.173	.380	.250	.031	.188
907-2068-***	8	10			.173		.250	.031	.188
907-2070-***	8	10		.136	.173	.380	.250	.031	.188
907-2071-***	8		6.0				.250	.031	.188
907-2077-***	10 MM	12	3.0				.250	.031	.188
907-2080-***	6	10		.136	.225	.700	.297	.031	.188
907-2090-***	6	9		.155	.225	.700	.297	.031	.219
907-2100-***	6	8	9.0		.225		.297	.031	
907-2102-***	16 MM		2.5					.031	
907-2103-***	16 MM		4.0					.031	
907-2105-***	16 MM		6.0					.031	
907-2107-***	16 MM		10.0	@.197				.031	

= ± .001
@ = ± .002

CRIMP ADAPTER FOR WIRE SIZE SMALLER/LARGER THAN CONTACT

PART NUMBER	CRIMP CONTACT WIRE BARREL SIZE AWG	WIRE SIZE AWG	WIRE SIZE MM	A +.002 -.003	B +.002 -.003	C +/- .015	D +/- .010	E +/- .010	F +/- .005
907-2108-***	4	10		.136	.272	.373	.344	.031	.219
907-2109-***	4		6.0		.272	.380	.344	.031	
907-2110-***	4	8	9.0	.185	.272	.380	.344	.031	.250
907-2111-***	4	8		.185	.272	.700	.344	.031	.250
907-2112-***	4		10.0	@.197	.272	.380	.344	.031	.250
907-2113-***	4		15.0		.272	.380	.344	.031	.250
907-2114-***	4		10.0	@.244	.272	.380	.344	.031	.250
907-2117-***	4	6	13.2		.272	.380	.344	.031	
907-2118-***	4	12			.272	.380	.344	.031	
907-2119-***	4		2.5		.272	.380	.344	.031	
907-2120-***	4	6	13.2	.225	.272	.380	.344	.031	.292
907-2130-***	4	6	13.2	.225	.272	.700	.344	.031	.292
907-2140-***	4	5		.250	.272	.380	.344	.031	.292
907-2150-***	4	5		.244	.272	.380	.344	.031	.292
907-2152-***	4		15.0		.272	.380	.344	.031	
907-2153-***	4		16.0		.272	.380	.344	.031	
907-2155-***	25 MM		6.0						
907-2156-***	25 MM		16.0						
907-2158-***	2	4							
907-2160-***	1	6	13.2	.225	.396	.700	.516	.031	.422
907-2170-***	1	2		.359	.396	.700	.516	.031	.422
907-2171-***	50 MM		25.0					.031	
907-2172-***	1/0	10		.136	.444	.644		.031	
907-2173-***	1/0	8	9.0	.185	.444	.644		.031	
907-2174-***	1/0		10.0		.444			.031	
907-2175-***	1/0	6	13.2		.444			.031	
907-2176-***	1/0		16.0		.444			.031	
907-2178-***	1/0		20.0		.444			.031	
907-2179-***	1/0		25.0		.444			.031	
907-2180-***	1/0	4		.299	.444	.536	.462	.031	.462
907-2181-***	1/0		10.0	@.197	.444	.500	.516	.031	.462
907-2182-***	1/0	2	16.0	@.244	.444	.500	.516	.031	.462
907-2183-***	1/0		25.0	@.307	.444	.500	.516	.031	.462
907-2184-***	1/0		35.0	@.354	.444	.500	.516	.031	.462
907-2185-***	1/0		50.0	@.421	.444	.500	.516	.031	.462
907-2190-***	1/0	2		.359	.444	.536	.516	.031	.462
907-2210-***	1/0	2		.417	.444	.536	.462	.031	.462
907-2200-***	1/0	1		.390	.444	.536	.462	.031	.462
907-2201-***	1/0		35.0		.444			.031	
907-2202-***	1/0		50.0		.444			.031	
907-2203-***	2/0	2		.359	.491	.528		.031	
907-2204-***	2/0		25.0		.491			.031	
907-2205-***	2/0		70.0		.491			.031	
907-2206-***	2/0		50.0		.491			.031	
907-2210-***	70 MM		25.0					.031	
907-2211-***	70 MM		50.0					.031	
907-2207-***	95 MM		70.0					.031	
907-2219-***	4/0	2	67.4		.629	.700	.719	.031	.462
907-2220-***	4/0	2/0	67.4	.500	.629	.700	.719	.031	.562
907-2221-***	4/0	3/0	67.4		.629	.700	.719	.031	.562
907-2230-***	150 MM		70.0	.500	.629	.700	.719	.031	.562
907-2240-***	190 MM	4/0	107.0					.031	
907-2250-***	DIN500		16.0					.031	
907-2253-***	DIN500		35.0					.031	

= ± .001

@ = ± .002

3C

907-10*** SERIES

CRIMP ADAPTER FOR WIRE SIZE LARGER THAN CONTACT

907 - 1 XXX - XXX

SERIES PREFIX

WIRE SIZE

1 For Wire Size Larger Than Contact

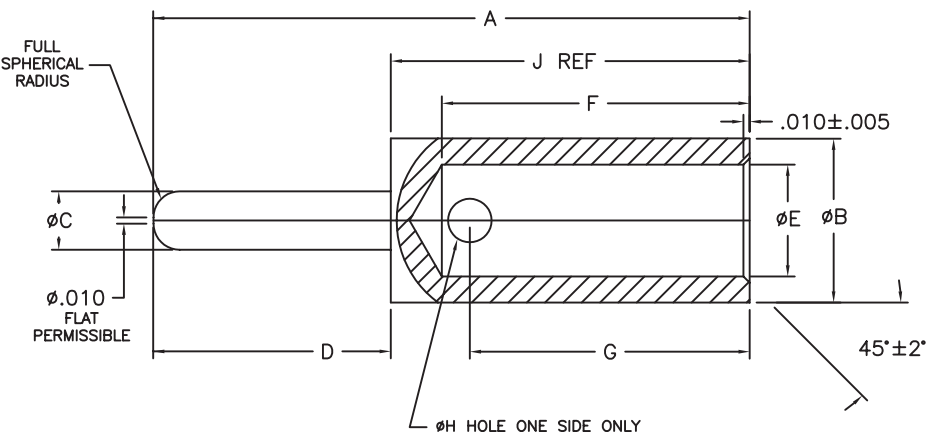
2 For Wire Size Smaller Than Contact

DESCRIPTIVE NUMBER

MATERIAL/FINISH

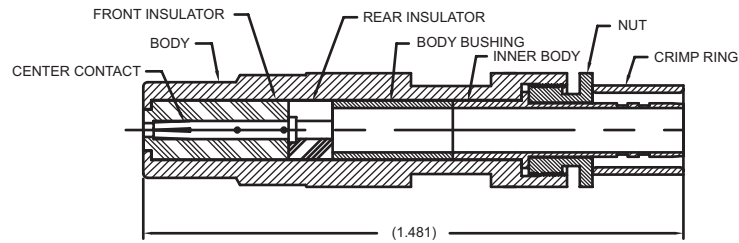
CODE	MATERIAL	FINISH
-000*	360 Brass	Silver over nickel
-011*	360 Brass	Silver over nickel
-100	353 Brass	Unplated
-110	353 Brass	Silver over nickel
-140	353 Brass	Light gold over nickel
-142	353 Brass	Heavy gold over nickel

* Material/finish codes -000 & -011 are obsolete. Both replaced by -110



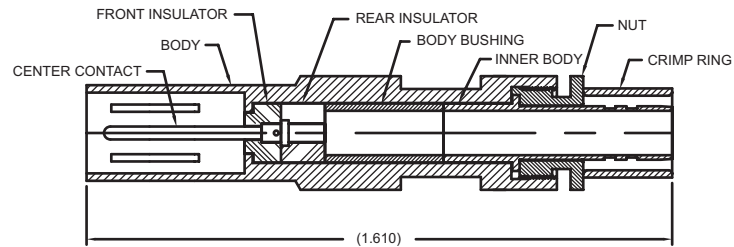
PART NUMBER	CRIMP CONTACT WIRE BARREL SIZE AWG	WIRE RANGE	A +/- .010	B +/- .002	C +/- .002	D +/- .005	E +/- .002	F +/- .010	G +/- .005	H +/- .002	J REF
907-1010-***	12	8-10	.807	.264	.094	.230	.181	.495	.450	.070	.577
907-1020-***	16	12-14	.549	.149	.062	.230	.100	.260	.220	.039	.319
907-1021-***	16	12-14	.617	.156	.062	.200	.100	.200	.160	.039	.400
907-1030-***	20	12-14	.509	.149	.038	.190	.100	.260	.220	.039	.319
907-1040-***	20	16-18	.499	.102	.038	.190	.067	.260	.220	.039	.309
907-1050-***	22	20-22	.363	.069	.029	.120	.047	.199	.190	.029	.243

SIZE 8 COAXIAL SOCKET CONTACT



TYPICAL PIN CONSTRUCTION

A12-4XXX-853



TYPICAL SOCKET COSTRUCTION

D12-4XXX-853

CABLE RG	PIN	SOCKET	CRIMP TOOL DIE *	DIE CLOSURE
RG-58	A12-4000-853	D12-4000-853	M22520/5-41	B
RG-141	A12-4020-853	D12-4020-853	M22520/5-41	B
RG-59	A12-4100-853	D12-4100-853	M22520/5-19	A
RG-62A; 62B	A12-4110-853	D12-4110-853	M22520/5-45	B
RG-174	A12-4200-853	D12-4200-853	M22520/5-35	B
RG-179B; 316	A12-4210-853	D12-4210-853	M22520/5-35	B
RG-180B	A12-4300-853	D12-4300-853	M22520/5-19	B

* USE CRIMP TOOL M22520/5-01

TOOLING

INSERTION, REMOVAL AND CRIMP TOOLS FOR **F80** CRIMP CONTACTS

CONTACT		WIRE SIZE (AWG)	INSERTION TOOL	REMOVAL TOOL KIT	GUIDE PINS	MANUAL CRIMP TOOL FRAME		PICO TOOLS MODEL 300		PICO TOOLS MODEL 400-BHD		PICO TOOLS MODEL 500-D	
						MS3191A	M22520/1-01	DIE PART NO. (Note 2)	LOCATOR PART NO.	DIE PART NO. (Note 2)	LOCATOR PART NO.	DIE PART NO. (Note 2)	LOCATOR PART NO.
P/N	SIZE					LOCATOR	LOCATOR						
R12-2500-★	18 Pin	20-26	T117346	T118249	—	—	—	—	—	414DA-20N	9632	514DA-20N	10627
T12-2500-★	18 Skt	20-26	T117346	T118249	T125000	—	—	—	—	414DA-20N	9641	514DA-20N	10640
R12-3600-★	16 Pin	16-18	T117345	T118250	—	600091†	TH378★	314DA-16	C17P	414DA-16N	9633	514DA-16N	10628
T12-3600-★	16 Skt	16-18	T117345	T118250	T125001	600092M†	TH378★	314DA-16	C17S	414DA-16N	9642	514DA-16N	10641
R12-3608-★	16 Pin	24-26	T117346	T118250	—	—	—	—	—	414DA-22N	9633	—	—
T12-3608-★	16 Skt	24-26	T117346	T118250	T125001	—	—	—	—	414DA-22N	9642	—	—
R12-3612-★	16 Pin	20	T117345	T118250	—	—	—	—	—	414DA-16N	9633	514DA-16N	10628
T12-3612-★	16 Skt	20	T117345	T118250	T125001	—	—	—	—	414DA-16N	9642	514DA-16N	10641
R12-3613-★	16 Pin	20-26	T117346	T118250	—	—	TH378★	314DA-20	C17P	414DA-16N	9633	514DA-16N	10628
T12-3613-★	16 Skt	20-26	T117346	T118250	T125001	—	TH378★	314DA-20	C17S	414DA-16N	9642	514DA-16N	10641
R12-3615-★	16 Pin	18	T117345	T118250	—	—	TH378★	314DA-20	C17P	414DA-16N	9633	514DA-16N	10628
T12-3615-★	16 Skt	18	T117345	T118250	T125001	—	TH378★	314DA-20	C17S	414DA-16N	9642	514DA-16N	10641
R12-3620-★	16 Pin	14	T117345	T118250	—	—	TH378★	314DA-16	C17P	414DA-16N	9633	514DA-16N	10628
T12-3620-★	16 Skt	14	T117345	T118250	T125001	—	TH378★	314DA-16	C17S	414DA-16N	9642	514DA-16N	10641
R12-3626-★	16 Pin	12	T117082	T118250	—	—	TH378★	314DA-12	C17P	414DA-12N	9633	514DA-12N	10628
T12-3626-★	16 Skt	12	T117082	T118250	T125001	—	TH378★	314DA-12	C17S	414DA-12N	9642	514DA-12N	10641
R12-3632-★	16 Pin	28-32	T117345	T118250	—	—	—	—	—	414DA-16N048	9633	514DA-16N048	10628
T12-3632-★	16 Skt	28-32	T117345	T118250	T125001	—	—	—	—	414DA-16N048	9642	514DA-16N048	10641
R12-4900-★	16S Pin	16-18	T117345	T118250	—	600093†	TH379★	314DA-16	C16P	414DA-16N	9634	514DA-16N	10629
T12-4900-★	16S Skt	16-18	T117345	T118250	T125001	600245†	TH379★	314DA-16	C16S	414DA-16N	9634	514DA-16N	10629
R12-4912-★	16S Pin	20	T117345	T118250	—	—	TH379★	314DA-20	C16P	414DA-16N	9634	514DA-16N	10629
T12-4912-★	16S Skt	20	T117345	T118250	T125001	—	TH379★	314DA-20	C16S	414DA-16N	9634	514DA-16N	10629
R12-4913-★	16S Pin	20-26	T117346	T118250	—	—	—	—	—	414DA-20N	9634	514DA-20N	10629
T12-4913-★	16S Skt	20-26	T117346	T118250	T125001	—	—	—	—	414DA-20N	9634	514DA-20N	10629
R12-4915-★	16S Pin	18	T117345	T118250	—	—	—	—	—	414DA-16N	9634	514DA-16N	10629
T12-4915-★	16S Skt	18	T117345	T118250	T125001	—	—	—	—	414DA-16N	9634	514DA-16N	10629
R12-4920-★	16S Pin	14	T117345	T118250	—	—	TH379★	314DA-16	C16P	414DA-16N	9634	514DA-16N	10629
T12-4920-★	16S Skt	14	T117345	T118250	T125001	—	TH379★	314DA-16	C16S	414DA-16N	9634	514DA-16N	10629
R12-4926-★	16S Pin	12	T117082	T118250	—	—	—	—	—	414DA-18N	9634	514DA-18N	10629
T12-4926-★	16S Skt	12	T117082	T118250	T125001	—	—	—	—	414DA-18N	9634	514DA-18N	10629
R12-6400-★	12 Pin	12	T117082	T118250	—	600216†	TH378★	—	—	414DA-12N	9635	514DA-12N	10630
T12-6400-★	12 Skt	12	T117082	T118250	T125002	600216†	TH378★	—	—	414DA-12N	9635	514DA-12N	10630
R12-6408-★	12 Pin	8	T117082	T118250	—	—	—	—	—	414DA-6N155	9635	514DA-6N155	10630
T12-6408-★	12 Skt	8	T117082	T118250	T125002	—	—	—	—	414DA-6N155	9635	514DA-6N155	10630
R12-6412-★	12 Pin	20	T117345	T118250	—	—	—	—	—	414DA-16N	9635	514DA-16N	10630
T12-6412-★	12 Skt	20	T117345	T118250	T125002	—	—	—	—	414DA-16N	9635	514DA-16N	10630
R12-6415-★	12 Pin	18	T117082	T118250	—	600216†	TH378★	—	—	414DA-16N	9635	514DA-16N	10630
T12-6415-★	12 Skt	18	T117082	T118250	T125002	600216†	TH378★	—	—	414DA-16N	9635	514DA-16N	10630
R12-6420-★	12 Pin	14-18	T117082	T118250	—	—	—	—	—	414DA-10N096	9635	514DA-10N096	10630
T12-6420-★	12 Skt	14-18	T117082	T118250	T125002	—	—	—	—	414DA-10N096	9635	514DA-10N096	10630
R12-6422-★	12 Pin	2.5mm ²	T117082	T118250	—	620216†	—	—	—	414DA-8N142	9635	514DA-8N142	10630
T12-6422-★	12 Skt	2.5mm ²	T117082	T118250	T125002	620216†	—	—	—	414DA-8N142	9635	514DA-8N142	10630
R12-6430-★	12 Pin	4.0mm ²	T117082	T118250	—	7100659†	—	—	—	414DA-10N096	9635	514DA-10N096	10630
T12-6430-★	12 Skt	4.0mm ²	T117082	T118250	T125002	7100659†	—	—	—	414DA-10N	9635	514DA-10N	10630
R12-6431-★	12 Pin	4.0mm ²	T117082	M118250	—	—	—	—	—	414DA-10N	9635	514DA-10N	10630
T12-6431-★	12 Skt	4.0mm ²	T117082	M118250	T125002	—	—	—	—	414DA-18N	9635	514DA-18N	10630
R12-6438-★	12 Pin	6.0mm ²	T117082	M118250	—	—	—	—	—	414DA-10N	9635	514DA-10N	10630
T12-6438-★	12 Skt	6.0mm ²	T117082	M118250	T125002	—	—	—	—	414DA-10N	9635	514DA-10N	10630

★ Indicates additional alpha-numeric are required to complete part number.

† Locators provided by Astro Tool.

Note 1. Consult Sales Department

Note 2. Pico Tools Die part numbers ending in letter N are for an 8 indent crimp. For a Hex crimp, change letter N to HEX.

CONTINUED ON NEXT PAGE



INSERTION, REMOVAL AND CRIMP TOOLS FOR **F80** CRIMP CONTACTS

CONTINUED FROM PREVIOUS PAGE

CONTACT		WIRE SIZE (AWG)	INSERTION TOOL	REMOVAL TOOL KIT	GUIDE PINS	MANUAL CRIMP TOOL FRAME		PICO TOOLS MODEL 300		PICO TOOLS MODEL 400B HD		PICO TOOLS MODEL 500D	
						MS3191A LOCATOR	M22520/1-01 LOCATOR	DIE PART NO. (Note 2)	LOCATOR PART NO.	DIE PART NO. (Note 2)	LOCATOR PART NO.	DIE PART NO. (Note 2)	LOCATOR PART NO.
R12-7900-★	8 Pin	8	T117344	T118260	Not Required	—	—	—	—	414DA-6N155	9636	514DA-6N155	10631
T12-7900-★	8 Skt	8	T117344	T118260		—	—	—	—	414DA-6N155	9636	514DA-6N155	10631
R12-7915-★	8 Pin	18	T117082	T118260		—	—	—	—	414DA-12N077	9636	514DA-12N077	10631
T12-7915-★	8 Skt	18	T117082	T118260		—	—	—	—	414DA-12N077	9636	514DA-12N077	10631
R12-7918-★	8 Pin	14-18	T117082	T118260		—	—	—	—	414DA-18N	9636	514DA-18N	10631
T12-7918-★	8 Skt	14-18	T117082	T118260		—	—	—	—	414DA-18N	9636	514DA-18N	10631
R12-7926-★	8 Pin	12	T117082	T118260		—	—	—	—	414DA-18N	9636	514DA-18N	10631
T12-7926-★	8 Skt	12	T117082	T118260		—	—	—	—	414DA-18N	9636	514DA-18N	10631
R12-7930-★	8 Pin	4.0mm ²	T117082	T118260		—	—	—	—	414DA-10N096	9636	514DA-10N096	10631
T12-7930-★	8 Skt	4.0mm ²	T117082	T118260		—	—	—	—	414DA-10N096	9636	514DA-10N096	10631
R12-7950-★	8 Pin	10.0mm ²	T117344	T118260		—	—	—	—	414DA-8N142	9636	514DA-8N142	10631
T12-7950-★	8 Skt	10.0mm ²	T117344	T118260		—	—	—	—	414DA-8N142	9636	514DA-8N142	10631
R12-7958-★	8 Pin	6	Note 1	T118260		—	—	—	—	414DA-6N170	9636	514DA-6N170	10631
T12-7958-★	8 Skt	6	Note 1	T118260		—	—	—	—	414DA-6N170	9636	514DA-6N170	10631
R12-8500-★	4 Pin	4	T117347	T118270	Not Required	—	—	—	—	414DA-4N215	9637	514DA-4N215	10632
T12-8500-★	4 Skt	4	T117347	T118270		—	—	—	—	414DA-4N215	9637	514DA-4N215	10632
R12-8522-★	4 Pin	2.5mm ²	T117082	T118270		—	—	—	—	414DA-18N	9637	514DA-18N	10632
T12-8522-★	4 Skt	2.5mm ²	T117082	T118270		—	—	—	—	414DA-18N	9637	514DA-18N	10632
R12-8525-★	4 Pin	25.0mm ²	T117347	T118270		—	—	—	—	414DA-4N	9637	514DA-4N	10632
T12-8525-★	4 Skt	25.0mm ²	T117347	T118270		—	—	—	—	414DA-4N	9637	514DA-4N	10632
R12-8526-★	4 Pin	12	T117082	T118270		—	—	—	—	414DA-10N	9637	514DA-10N	10632
T12-8526-★	4 Skt	12	T117082	T118270		—	—	—	—	414DA-10N	9637	514DA-10N	10632
R12-8530-★	4 Pin	4.0mm ²	T117082	T118270		—	—	—	—	414DA-10N105	9637	514DA-10N105	10632
T12-8530-★	4 Skt	4.0mm ²	T117082	T118270		—	—	—	—	414DA-10N105	9637	514DA-10N105	10632
R12-8535-★	4 Pin	35.0mm ²	T117348	T118270		—	—	—	—	414DA-0N315	9637	514DA-0N315	10632
T12-8535-★	4 Skt	35.0mm ²	T117348	T118270		—	—	—	—	414DA-0N315	9637	514DA-0N315	10632
R12-8550-★	4 Pin	10.0mm ²	T117344	T118270		—	—	—	—	414DA-8N142	9637	514DA-8N142	10632
T12-8550-★	4 Skt	10.0mm ²	T117344	T118270		—	—	—	—	414DA-8N142	9637	514DA-8N142	10632
R12-8562-★	4 Pin	16.0mm ²	T117347	T118270	Not Required	—	—	—	—	414DA-4N	9637	514DA-4N	10632
T12-8562-★	4 Skt	16.0mm ²	T117347	T118270		—	—	—	—	414DA-4N	9637	514DA-4N	10632
R12-9200-★	1/0 Pin	1/0	T117348	T118280		—	—	—	—	414DA-0N	9638	514DA-0N	10633
T12-9200-★	1/0 Skt	1/0	T117348	T118280		—	—	—	—	414DA-0N	9638	514DA-0N	10633
R12-9225-★	1/0 Pin	25.0mm ²	T117347	T118280		—	—	—	—	414DA-4N	9638	514DA-4N	10633
T12-9225-★	1/0 Skt	25.0mm ²	T117347	T118280		—	—	—	—	414DA-4N	9638	514DA-4N	10633
R12-9235-★	1/0 Pin	35.0mm ²	T117348	T118280		—	—	—	—	414DA-0N	9638	514DA-0N	10633
T12-9235-★	1/0 Skt	35.0mm ²	T117348	T118280		—	—	—	—	414DA-0N	9638	514DA-0N	10633
R12-9245-★	1/0 Pin	8	T117344	T118280		—	—	—	—	414DA-6N155	9638	514DA-6N155	10633
T12-9245-★	1/0 Skt	8	T117344	T118280		—	—	—	—	414DA-6N155	9638	514DA-6N155	10633
R12-9246-★	1/0 Pin	4	Note 1	T118280		—	—	—	—	414DA-4N	9638	514DA-4N	10633
T12-9246-★	1/0 Skt	4	Note 1	T118280		—	—	—	—	414DA-4N	9638	514DA-4N	10633
R12-9250-★	1/0 Pin	10.0mm ²	T117344	T118280		—	—	—	—	414DA-4N	9638	514DA-4N	10633
T12-9250-★	1/0 Skt	10.0mm ²	T117344	T118280		—	—	—	—	414DA-4N	9638	514DA-4N	10633
R12-9275-★	1/0 Pin	50.0mm ²	T117348	T118280	Not Required	—	—	—	—	414DA-0N	9638	514DA-0N	10633
T12-9275-★	1/0 Skt	50.0mm ²	T117348	T118280		—	—	—	—	414DA-0N	9638	514DA-0N	10633
R12-9700-★	4/0 Pin	4/0	Note 1	Note 1		—	—	—	—	—	—	514DA-N470	10636
T12-9700-★	4/0 Skt	4/0	Note 1	Note 1		—	—	—	—	—	—	514DA-N470	10639
R12-9790-★	4/0 Pin	2	Note 1	Note 1		—	—	—	—	414DA-0N	9639	514DA-0N	10634
T12-9790-★	4/0 Skt	2	Note 1	Note 1		—	—	—	—	414DA-0N	9640	514DA-0N	10637
R12-97115-★	4/0 Pin	1/0	Note 1	Note 1		—	—	—	—	414DA-0N	9639	514DA-0N	10634
T12-97115-★	4/0 Skt	1/0	Note 1	Note 1		—	—	—	—	414DA-0N	9640	514DA-0N	10637
R12-97135-★	4/0 Pin	2/0	Note 1	Note 1		—	—	—	—	—	—	514DA-N345	10635
T12-97135-★	4/0 Skt	2/0	Note 1	Note 1		—	—	—	—	—	—	514DA-N345	10638

3C

Note 1. Consult sales department.

Note 2. Pico Tools Die part numbers ending in letter N are for an 8 indent crimp. For Hex crimp, change letter N to HEX.

★ Indicates additional alpha-numeric are required to complete part number.

† Locators provided by Astro Tool.

TOOLING

INSERTION AND REMOVAL TOOLS FOR **F80** CRIMP CONTACTS

ALTERNATE INSERTION TOOLS

CONTACT SIZE	SPACECRAFT	ASTRO TOOL	BENDIX	ITT CANNON	COMMITAL	DANIELS	VEAM
18	T117346	–	–	–	M.117346	–	T98143
16	T117345	ATBX1-7345	11-7345	CIT-F80-16	M.117345	DAK168-16	11-7345
12	T117082	ATBX1-7082	11-7082	CIT-F80-12	M.117082	DAK168-12	46736
8	T117344	ATBX1-8220	11-8220	CIT-8	M117344	DAK159	A46151-8T50
4	T117347	ATC1377	11-7365-4*	CIT-4	M.117347	–	A46151-4T50
1/0	T117348	–	11-7365-5*	CIT-0	M.117348	–	A46151-0T50

* Requires 11-7364 Arbor Press

ALTERNATE REMOVAL TOOLS

CONTACT SIZE	SPACECRAFT	ASTRO TOOL	BENDIX	ITT CANNON	COMMITAL	DANIELS	VEAM
18	T118249	–	–	–	M.118249	–	11-7576-37
16	T118250	ATBX2-8250	11-8250(Kit)	CET-F80-16	M.118250	DRK59	A43240
12	T118250	ATBX2-8250	11-8250(Kit)	CET-F80-12	M.118250	DRK59	A43240
8	T118260	ATBX2-8250	11-8250(Kit)	CET-8	M.118260	DRK59	A43240-8
4	T118270	ATC2234	P=11-7370-4* S=11-7674-2*	CET-4	M.118270	–	46150-4
1/0	T118280	–	P=11-7370-5* S=11-7674-3*	CET-0	M.118280	–	46150-0

* Requires 11-7364 Arbor Press

ALTERNATE GUIDE PINS

CONTACT SIZE	SPACECRAFT	BENDIX	ITT CANNON	COMMITAL	VEAM
18	T125000	–	–	M.125000	27977-20T50
16	T125001	Unknown	226-1017-000	M.125001	27977-16T50
12	T125002	Unknown	226-1018-000	M.125002	27977-16T50
8	T125003	Unknown	Not Required	M.125003	Not Required
4	Not Required	Not Required	Not Required	Not Required	Not Required
1/0	Not Required	Not Required	Not Required	Not Required	Not Required



MIL-DTL-5015 SERIES I

THERMOCOUPLE CONTACTS

A thermocouple is essentially a pair of wires of dissimilar metals connected at both ends. When the two junctions are subjected to different temperatures, an electrical potential is set up between them, almost directly proportional to the temperature difference. A voltage measuring instrument in the circuit can thus measure temperature. Because thermocouple junctions can withstand higher temperatures than the connectors used in conjunction with them, care must be taken to isolate the connectors. While contacts can withstand temperatures shown in the following table, standard insert materials can withstand only 257°F continuous operation. However, special dielectrics and shell finishes can extend the usable connector range above 500°F.

THERMOCOUPLE LIMITS		
COMBINATION	CONDITIONS	TEMPERATURE RANGE
Copper-Constantan (Note 1)	Material has good resistance to corrosion with long life and stable calibration.	Thermocouple Junction: Below 500°F Connector Contacts: 400°F
Iron-Constantan (Note 1)	Material can be used in either oxidizing or reducing atmospheres. It is not recommended for low temperatures and in the presence of moisture due to the rusting of the iron.	Thermocouple Junction: 500°F to 1200°F Connector Contacts: *600°F
Chromel-Alumel (Note 1)	Material is good for high temperature work and is more stable than iron and constantan combinations.	Thermocouple Junction: High Temperature Connector Contacts: *400°F
* These contacts can withstand higher temperatures but have not been tested because the general line of connectors will not withstand such temperatures in continuous operation. (Note 1) - These are registered Trade names of the Hoskins Corporation.		

THERMOCOUPLE MATERIALS

CONTACT DESIGNATION	MATERIAL	ASTM-E230 SPECIFICATIONS	Polarity	MAGNETISM
Alumel (Al) (Note 1)	94% Nickel; 2.5% Manganese; 2% Aluminum; 1% Silicone; ½% Iron	Type KN	Negative	Magnetic
Constantan (Co) (Note 1)	45% to 60% Copper; 40% to 55% Nickel; 0 to 1.4% Manganese; 0.1% Iron	Type JN	Negative	Non-Magnetic
Copper (Cu) (Note 1)	87.5 to 90% Copper; 1.8 to 2.2% Lead; .1% Iron; 5% Nickel; .5% normal impurities and balance zinc	Type T	Positive	Non-Magnetic
Iron (Ir) (Note 1)	84.4% Iron; 2% Carbon; 3% manganese; 6% Phosphorus; 2% Sulphur; 4% Silicone; 8.1% Copper; 9% Tin (Cadmium plated for corrosion resistance)	Type JP	Positive	Magnetic
Chromel P (Ch) (Note 1)	90% Nickel; 10% Chromium	Type KP	Positive	Non-Magnetic

(Note 1) - These are registered Trade names of the Hoskins Corporation.

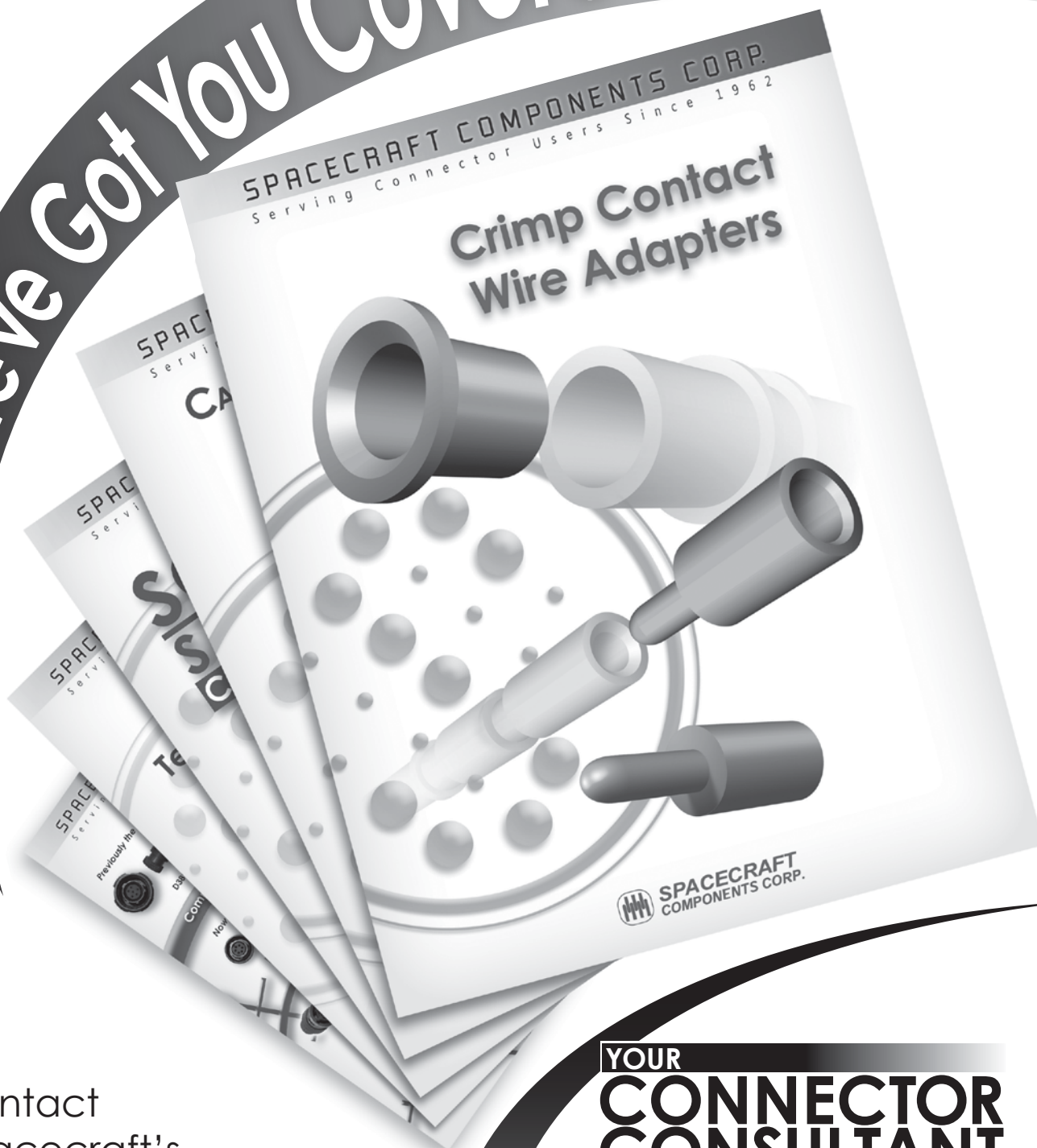
CONTACT COLOR CODING

CONTACT MATERIAL	COLOR
Alumel	Green
Chromel	White
Copper	—
Constantan	Yellow
Iron	Black

For solder thermocouple contacts, see page 11A-3.

For crimp thermocouple contacts, see pages 11A-4 thru 11A-7.

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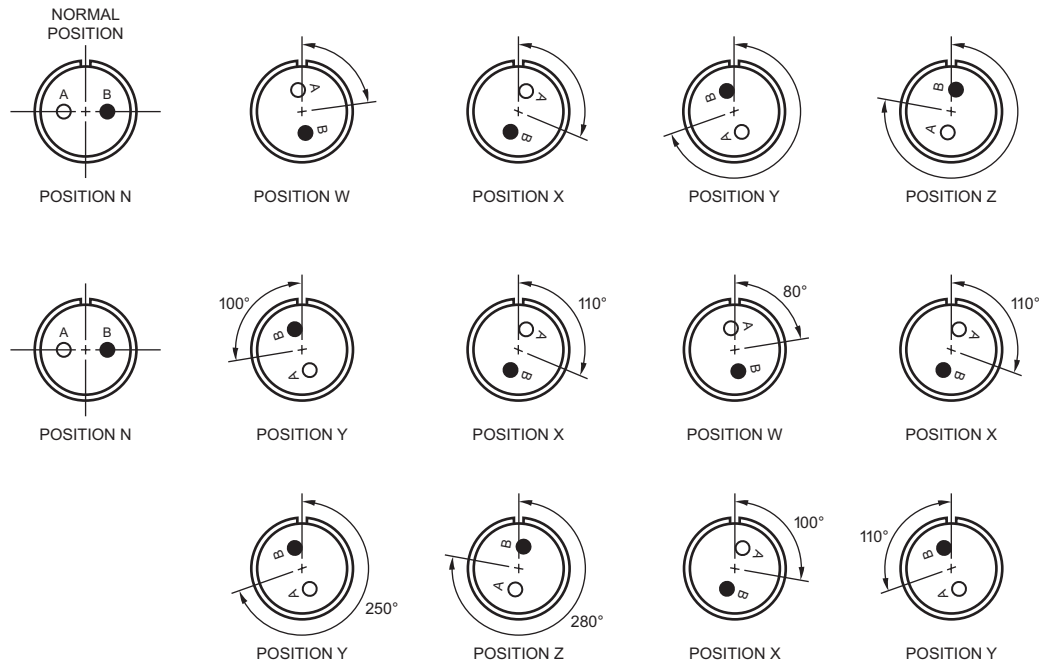
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SECTION 4C

INSERT CONFIGURATIONS

ALTERNATE POSITIONS (POLARIZATION)

The diagrams indicate alternate insert positions. The four positions (W, X, Y, and Z) differ in degree of rotation for various sizes and layouts.



ENGAGING FACE OF PIN INSERTS SHOWN
SOCKET INSERTS ARE MIRROR IMAGES

MIL-DTL-5015

INSERT CONFIGURATIONS BY SHELL SIZE

PART NUMBER	TOTAL	CONTACTS							ALTERNATE POSITIONS (Degrees)				REMARKS
		# 20	# 18	# 16	# 12	# 8	# 4	# 0	W	X	Y	Z	
8S-1†	1			1					–	–	–	–	
10S-2†	1			1					–	–	–	–	
10SL-3†★	3			3					–	–	–	–	Position Q = 180°
10SL-4†★	2			2					–	–	–	–	
12S-1‡	2			2					–	–	–	–	Position #12 of 12S-3
12S-2‡	2			2					–	–	–	–	Position #13 of 12S-3
12S-3‡	2			2					70	145	215	290	
12S-4‡	1			1					–	–	–	–	
12-5‡	1			1					–	–	–	–	
14S-1‡	3			3					–	–	–	–	Same as 14S-7
14S-2†	4			4					–	120	240	–	
14-3†	1					1			–	–	–	–	
14S-4‡	1			1					–	–	–	–	
14S-5†	5			5					–	110	–	–	
14S-6†	6			6					–	–	–	–	Non-Military Positions W=80°
14S-07	7			7					–	–	–	–	Use 14SA7
14SA7	7			7					–	–	–	–	Replaces: 14SA7, 14-07
14S-7†	3			3					90	180	270	–	
14S-9‡	2			2					70	145	215	290	
14S-10‡	4			4					–	–	–	–	Position #12 of 14S-2
14S-11‡	4			4					–	–	–	–	Position #13 of 14S-2
14S-12‡	3			3					–	–	–	–	Position #12 of 14S-1
14S-13‡	3			3					–	–	–	–	Position #2 of 14S-1
14S-14‡	4			4					–	–	–	–	Position #12 of 14S-2
16S-1†★	7			7					80	–	–	280	
16-2†	1				1				–	–	–	–	
16S-3†	1			1					–	–	–	–	
16S-4†★	2			2					35	110	250	325	
16S-5‡	3			3					70	145	215	290	
16S-6‡	3			3					90	180	270	–	
16-7†	3			2		1			80	110	250	280	
16S-8†	5			5					–	170	265	–	
16-9†	4			2	2				35	110	250	325	
16-10†★	3				3				90	180	270	–	
16A10	10			10					35	112	235	315	
16-11†	2				2				35	110	250	325	
16A11★	2				2				–	110	250	–	
16-12†★	1						1		–	–	–	–	
16S-14‡	3			3					–	–	–	–	Position #3 of 16S-5
16S-15†	2			2					–	–	–	–	Position #12 of 16S-4
16S-16†	2			2					–	–	–	–	Position #13 of 16S-4
18-1†★	10			10					70	145	215	290	
18-3‡	2				2				35	110	250	325	
18-4†	4			4					35	110	250	325	
18-5†	3			1	2				80	110	250	280	
18-06†	6			2	4				–	180	–	–	Use 18A6
18-6†	1						1		–	–	–	–	
18A6	6			2	4				–	180	–	–	
18-7†	1					1			–	–	–	–	
18-8†	8			7	1				70	–	–	290	
18-9†	7			5	2				80	110	270	280	

† = Military designation per MIL-STD-1651
‡ = Military designation inactive for new design.
★ = VG85234

INSERT CONFIGURATIONS BY SHELL SIZE

PART NUMBER	TOTAL	CONTACTS							ALTERNATE POSITIONS (Degrees)				REMARKS
		# 20	# 18	# 16	# 12	# 8	# 4	# 0	W	X	Y	Z	
18-10†	4				4				—	120	240	—	
18-11†★	5				5				—	170	265	—	
18-12†	6			6					80	—	—	280	
18-13†★	4				3	1			80	110	250	280	
18-14†	2			1			1		80	110	250	280	
18-15†	4				4				—	120	240	—	
18-16	1				1				—	—	—	—	High voltage
18-17†	7			5	2				—	—	—	—	100 Deg Rotation To Right of 18-9
18-18†	7			5	2				—	—	—	—	250 Deg Rotation To Right of 18-9
18-19†	10			10					—	120	240	—	
18-20†	5			5					90	180	270	—	
18-21†	3				3				90	180	270	—	
18-22†	3			3					70	145	215	290	
18-23†	10			10					—	—	—	—	Position #12 of 18-1
18-24†	10			10					—	—	—	—	Position #13 of 18-1
18-25†	2				2				—	—	—	—	Position #12 of 18-3
18-26†	2				2				—	—	—	—	Position #13 of 18-3
18-27†	3			1	2				—	—	—	—	Position #12 of 18-5
18-28†	3			1	2				90	180	270	—	Position #13 of 18-5
18-29†	5			5					90	180	270	—	
18-30†	5			5					—	—	—	—	Position #3 of 18-20
18-31†	5			5					—	—	—	—	Position #2 of 18-20
18A31	10			10					—	—	—	—	Position #5 of 18-1
18-2005-31	10			10					—	—	—	—	Position #5 of 18-1
20-1†	14			14					—	—	—	—	Same as 20-27
20-2†★	1							1	—	—	—	—	
20-3†	3				3				70	145	215	290	
20-4†	4				4				45	110	250	—	
20-5†	2			2					35	110	250	325	
20-6†	3			3					70	145	215	290	
20-7†	8			8					80	110	250	280	
20-8†★	6			4		2			80	110	250	280	
20B8	8			4	4				—	—	—	—	
20-9†	8			7	1				80	110	250	280	
20A9★	9			9					—	110	250	—	
20-10†	4			4					—	—	—	—	
20-11†	13			13					—	—	—	—	
20-12†	2			1			1		80	110	250	280	
20-13†	4			4					—	—	—	—	
20-14†	5				3	2			80	110	250	280	
20-15†★	7				7				80	—	—	280	
20-16†	9			7	2				80	110	250	280	
20A16	13			13					—	—	—	—	Same as 20-11
20-17†	6			1	5				90	180	270	—	
20-18†	9			6	3				35	110	250	325	
20-19†	3					3			90	180	270	—	
20-20†	4				3		1		80	110	250	280	
20-21†	9			8	1				35	110	250	325	
20-22†	6			3		3			80	110	250	280	
20-23†	2					2			35	110	250	325	
20-24†	4			2		2			35	110	250	325	

† = Military designation per MIL-STD-1651

‡ = Military designation inactive for new design.

★ = VG95234

MIL-DTL-5015

INSERT CONFIGURATIONS BY SHELL SIZE

PART NUMBER	TOTAL	CONTACTS SIZE							ALTERNATE POSITIONS (Degrees)				REMARKS
		# 20	# 18	# 16	# 12	# 8	# 4	# 0	W	X	Y	Z	
20-25†	13			13					—	—	—	—	Position #12 of 20-11
20-26†	3				3				—	—	—	—	
20-27†	14			14					35	110	250	325	
20-29†	17			17					80	—	—	280	
20-30†	13			13					—	—	—	—	Position #13 of 20-11
20-31†	11			11					—	—	—	—	
20-32†	8			8					—	—	—	—	Position #2 of 20-7
20-33†	11			11					—	—	—	—	
20A48★	19			19					—	80	280	—	
20-58	10			5	5				—	—	—	—	
20-629	4			4					—	—	—	—	Same as 20-10
20-854	2				2				—	—	—	—	
20-2006-37	4				4				—	—	—	—	Position #8 of 20-4
22-1†	2					2			35	110	250	325	
22-2†	3					3			70	145	215	290	
22-3†	2			1			1		80	110	250	280	
22-4†	4				2	2			35	110	250	325	
22-5†	6			4	2				35	110	250	325	
22-6†	3			1		2			80	110	250	280	
22-7†	1							1	—	—	—	—	
22-8†	2				2				35	110	250	325	
22-9†	3				3				70	145	215	290	
22-10†	4			4					35	110	250	325	
22A10	10			10					—	120	240	—	
22-11†	2			2					35	110	250	325	
22-12†★	5			3		2			80	110	250	280	
22-13†	5			1	4				35	110	250	325	
22-14†★	19			19					80	110	250	280	
22-15†	6			1	5				80	110	250	280	
22-16†	9			6	3				80	110	250	280	
22-17†	9			8	1				80	110	250	280	
22-18†	8			8					80	110	250	280	
22-19†	14			14					80	110	250	280	
22-20†	9			9					35	110	250	325	
22-21†	3			2				1	80	110	250	280	
22-22†★	4					4			—	110	250	—	
22B22★	4					4			—	110	250	—	
22-23†	8				8				35	—	250	—	
22-24†	6			4	2				80	110	250	280	
22-25†	3			2				1	80	110	250	280	
22-26†	7			5	2				—	—	—	—	
22-27†★	9			8		1			80	—	250	280	
22-28†	7				7				80	—	—	280	
22-29†	7			6			1		80	110	250	280	
22-30†	19			19					—	—	—	—	Position #12 of 22-14
22-31†	2			2					—	—	—	—	Position #12 of 22-11
22-32†	6			4	2				—	—	—	—	Position #2 of 22-5
22-33†	7			7					80	110	250	280	
22-34†	5			2	3				80	110	250	280	
22-35†	3					3			—	—	—	—	
22A37	37		37						80	112	250	280	
22-63	12			8	4				—	—	—	—	

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 ★ = VG95234

INSERT CONFIGURATIONS BY SHELL SIZE

PART NUMBER	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS
	TOTAL	SIZE							W	X	Y	Z	
		# 20	# 18	# 16	# 12	# 8	# 4	# 0					
22-70	13			5	8				—	—	—	—	
22-82	10			8		2			80	110	250	280	
24-1†	2			1				1	80	110	250	280	
24A1	1							1	—	—	—	—	
24-2†	7				7				80	—	—	280	
24-3‡	7			5	2				80	110	250	280	
24-4†	4			3				1	80	110	250	280	
24-5‡	16			16					80	110	250	280	
24G5	5					5			70	110	240	270	
24-06	6			2		4			40	—	—	320	Use 24C06
24-6†	8				8				80	110	250	280	
24A6	6				4	2			40	—	—	320	
24C06	6			2		4			40	—	—	320	
24-07	7				7				80	—	—	280	Use 24A7
24-7†	16			14	2				80	110	250	280	
24A7	7				7				80	—	—	280	
24-9‡	2						2		35	110	250	325	
24-10†★	7					7			80	—	—	280	
24-11†★	9				6	3			35	110	250	325	
24-12†★	5				3		2		80	110	250	280	
24S12	12			10			2						
24-013	13			7	6				—	—	—	—	Use 24A13
24A13	13			7	6				—	—	—	—	
24-14‡	3				2			1	80	110	250	280	
24-15‡	16			16					—	—	—	—	Position #12 of 24-5
24-16†	7			3	3	1			80	110	250	280	
24-17‡	5			3	2				80	110	250	280	
24-18	4			4					—	—	—	—	Shorting type
24-19‡	12			12					—	—	—	—	
24-20†	11			9	2				80	110	250	280	
24-21†	10			9		1			80	110	250	280	
24-22†	4					4			45	110	250	—	
24-23‡	5			2		3			80	110	250	280	
24-24‡	16			16					—	—	—	—	Position #13 of 24-5
24-25‡	8				8				—	—	—	—	Position #12 of 24-6
24A25	25			25					80	110	250	280	
24-26‡	8				8				—	—	—	—	Position #13 of 24-6
24-27†	7			7					80	—	—	280	
24-28†	24			24					80	110	250	280	
24A28	28			28					65	146	235	—	
24A35★	16				14	2			—	—	—	—	Position #12 of 24-7
24A40	16			14	2				—	—	—	—	
24A55	55	55							90	110	250	280	
24-58	13			7	3	3			—	—	—	—	
24-59	14			7	7				—	—	—	—	
24-65	15			4	11				—	—	—	—	
24-66	7				7				—	—	—	—	
24-67	19				19				80	—	—	335	
24-79	5					5			—	—	—	—	
24-80†	23			23					35	145	240	300	
24-2008-35	16			14	2				—	—	—	—	Position #12 of 24-7 Same as 24A35
28-1†	9				6	3			80	110	250	280	

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MIL-DTL-5015

INSERT CONFIGURATIONS BY SHELL SIZE

PART NUMBER	TOTAL	CONTACTS							ALTERNATE POSITIONS (Degrees)				REMARKS
		# 20	# 18	# 16	# 12	# 8	# 4	# 0	W	X	Y	Z	
28B1	1							1	—	—	—	—	
28-2†	14			12	2				35	110	250	325	
28-3†	3					3			70	145	215	290	
28-4†	9			7	2				80	110	250	280	
28-5†	5			2	1		2		35	110	250	325	
28-6‡	3						3		70	145	215	290	
28-7†	2						2		35	110	250	325	
28-8†	12			10	2				80	110	250	280	
28-09	9			5			4		110	250	260	280	Use 28A9
28-9†	12			6	6				80	110	250	280	
28A9	9			5			4		110	250	260	280	
28-10†	7				3	2	2		80	110	250	280	
28-11†★	22			18	4				80	110	250	280	
28-12†	26			26					90	180	270	—	
28-13‡	26			26					—	—	—	—	Position #12 of 28-12
28-14‡	11			11					80	110	250	280	
28-15†	35			35					80	110	250	280	
28-16‡	20			20					80	110	250	280	
28-17†	15			15					80	110	250	280	
28-18†	12			12					70	145	215	290	
28-19†	10			6	4				80	110	250	280	
28-20†★	14			4	10				80	110	250	280	
28-21†★	37			37					80	110	250	280	
28-22†	6			3			3		70	145	215	290	
28A29	29			27		2			80	110	250	280	
28A31	31		25			6			—	—	—	—	
28A35	35			35					80	110	250	280	
28-51	12				12				80	135	195	—	
28A55	29			29					—	—	—	—	
28-59	17			10	7				35	110	250	325	
28A63★	28			19	9				—	100	260	—	
28-72	72	72							72	144	216	288	
28-79	16			9		7			80	110	250	280	
28-84	9					9			—	—	—	—	
28-124	16			12		4			80	110	250	280	
32-1†★	5				3			2	80	110	250	280	
32A1	1								—	—	—	—	1 Size 4/0 Contact
32-2†	5			2			3		70	145	215	290	
32-3†★	9			4	2		2	1	80	110	250	280	
32 A3	3						3		22	44	75	—	
32-4‡	14			12	2				80	110	250	280	
32-5‡	2							2	35	110	250	325	
32-6†★	23			16	2	3	2		80	110	250	280	
32-7†★	35			28	7				80	125	235	280	
32-8‡	30			24	6				80	125	235	280	
32-9†	14			12			2		80	110	250	280	
32-10‡	7			3		2	2		80	110	250	280	
32-12‡	15			10	5				80	110	250	280	
32-013	13				13				65	130	230	295	Use 32A13
32-13†	23			18	5				80	110	250	280	
32A13	13				13				65	130	230	295	
32-14‡	7				5		2		35	110	250	325	

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INSERT CONFIGURATIONS BY SHELL SIZE

PART NUMBER	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS
	TOTAL	SIZE							W	X	Y	Z	
		# 20	# 18	# 16	# 12	# 8	# 4	# 0					
32-15†	8				6			2	35	110	250	280	
32-16‡	23			16	2	3	2		—	—	—	—	Position #12 of 32-6
32-17†	4						4		45	110	250	—	
32-18‡	14			12	2				—	—	—	—	Position #12 of 32-4
32-19‡	5				3			2	—	—	—	—	Position #2 of 32-1
32-20‡★	23			16	2	3	2		—	—	—	—	Position #2 of 32-6
32-22†★	54			54					80	110	250	280	
32B22	22			20				2	35	110	250	325	
32A25	25				25				60	120	—	—	
32A27	27			17	10				30	115	285	335	
32A29	23			16	2	3	2		—	—	—	—	Rotation of 32-6
32A30	30			20	10				—	—	—	—	
32-31	31			31					—	—	—	—	
32A40	40			40					35	130	—	—	
32A48	48			48					80	—	—	—	
32-52	8				6			2	—	—	—	—	90 Deg Rotation of 32-15
32-53	42			37	5				—	—	—	—	
32A55	55			55					80	110	250	280	
32-59	42			40		2			36	108	252	324	
32-63†	5						5		—	—	—	—	
32-64	54			54					—	—	—	—	
32-68	16			12			4		65	135	225	275	
32A69*	61	41		20					—	110	250	—	
32-73†	46			46					36	—	—	—	
32-76	19				19				80	110	250	280	
32-79	5					1	4		—	—	—	315	
32-88	54			54					80	110	250	280	
32A401	40			40					—	—	—	—	
32-689	9			6			3		—	—	—	—	
32-2010-29	23			16	2	3	2		—	—	—	—	Position #13 of 32-6
32-2010-30	5				3			2	—	—	—	—	Position #12 of 32-1
36-01	1								—	—	—	—	1 Size 4/0 Contact
36A1	1								—	—	—	—	1 Size 4/0 Contact
36-1‡	22			18	4				80	110	250	280	
36-2‡	5				2			3	—	—	—	—	
36-3†	6				3			3	70	145	215	290	
36-4‡	3							3	70	145	215	290	
36-5†★	4							4	—	120	240	—	
36-6†★	6						4	2	35	110	250	325	
36-7†	47			40	7				80	110	250	280	
36-8†	47			46	1				80	110	250	280	
36-9†	31			14	14	2	1		80	125	235	280	
36-10†★	48			48					80	125	235	280	
36-11‡	48			48					—	—	—	—	Position #12 of 36-10
36-12‡	48			48					—	—	—	—	Position #13 of 36-10
36-13‡	17			15	2				80	110	250	280	
36-14‡	16			6	5	5			90	180	270	—	
36-15†	35			35					60	125	245	305	
36-16‡	47			40	7				—	—	—	—	Position #12 of 36-7
36-17‡	47			40	7				—	—	—	—	Position #13 of 36-7
36-18‡	31			14	14	2	1		—	—	—	—	Position #12 of 36-9
36-19‡	17			10	5		1	1	80	110	250	280	

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MIL-DTL-5015

INSERT CONFIGURATIONS BY SHELL SIZE

PART NUMBER	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS
	TOTAL	SIZE							W	X	Y	Z	
		# 20	# 18	# 16	# 12	# 8	# 4	# 0					
36-20‡	34			30	2	2			—	—	—	—	Position #2 of 36-9
36-21‡	31			14	14	2	1		—	—	—	—	
36-22	22				22				80	110	250	280	
36A22	22				22				—	—	—	—	
36-35	36			32		4			—	—	—	—	
36-51	4						2	2	—	—	—	—	
36A51	6				1		2	3	45	135	225	315	
36-52†	52			52					72	144	216	288	
36-54	39			31		8			—	—	—	—	
36-66†	56			52	4				110	250	260	280	
36-71	53			50	3				—	—	—	—	
36A72	72		52	16	4				—	110	—	—	
36-74	44			43		1			—	—	—	—	
36B78	14			2		12			—	—	—	—	
36D78	14			4		10			—	—	—	—	
40-1†	30			24	6				65	130	235	300	
40-2†	23			23					80	110	250	280	2 Each Size 4/0 Contacts
40S2	2								—	—	—	—	
40-3†	23			18	4		1		80	110	250	280	
40A3	5				2			3	70	145	215	290	
40-4†	23			16	2	3	2		80	110	250	280	
40A4	6				2			4	50	120	240	325	
40B4	4							4	45	110	—	—	
40-5†	15				6	4	2	3	80	110	250	280	
40A5	5				1		1	3	33	—	—	270	
40-6†	26			24	1			1	80	110	250	280	
40A6	6				6				35	110	250	280	
40B5	5							5					
40-7†	22			18	2			2	80	110	250	280	
40A8	8			4			4		35	110	250	325	
40-9†	47			24	22	1			65	125	225	310	
40-10†	29			16		9	4		65	125	225	310	
40A10	8			4			4		80	135	195	—	
40-11†	25			18	4	1	1	1	80	110	250	280	
40-12‡	29			22	6			1	—	—	—	—	Position #12 of 40-2
40-13‡	23			23					—	—	—	—	
40-14‡	32			21	10			1	—	—	—	—	
40B19	19					19			35	105	255	325	
40A24	24				16	8			80	120	245	300	
40-26	26				19	7			80	110	250	280	
40A27	27				25		2		45	110	250	315	
40S27	60			60					—	—	—	—	
40-31	31				31				80	110	250	280	
40-35	35				35				70	130	230	290	
40A38	38				38				37	74	285	322	
40-47	47			24	22	1			65	125	225	310	
40A51	31			16		15			—	—	—	—	
40-53	60			60					80	110	250	280	
40-56†	85			85					72	144	216	288	
40A56	85			85					72	144	216	288	
40N56	85			85					72	144	216	288	
40-57	4							4	—	—	—	—	

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INSERT CONFIGURATIONS BY SHELL SIZE

PART NUMBER	CONTACTS								ALTERNATE POSITIONS (Degrees)				REMARKS
	TOTAL	SIZE							W	X	Y	Z	
		# 20	# 18	# 16	# 12	# 8	# 4	# 0					
40-60	6							6	80	110	250	280	
40-62	60			60					30	130	220	290	
40A62	62			60		2			80	130	230	280	
40-63	61			61					80	—	—	280	
40A65	65			65					70	145	215	285	
40-67	11			1			10		—	—	—	—	
40-68	21					21			—	—	—	—	
40-70	61			61					—	—	—	—	
40-80	11			1			10		—	—	—	—	
40-82	62			62					—	—	—	—	
40-87	7						7		—	—	—	—	
40-150	150		150						—	—	—	—	
40A150	150		150						—	—	—	—	

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INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

1 CONTACT

CONTACTS	8S-1† 1-#16	10S-2† 1-#16	12S-4‡ 1-#16	12-5† 1-#12	14-3† 1-#8	14S-4‡ 1-#16	16-2† 1-#12
RATING	A	A	D	D	A	D For new MIL equip. design, use 12S-4	E
CONTACTS	16S-3† 1-#16	16-12† 1-#4	18-6† 1-#4	18-7† 1-#8	20-2† 1-#0		
RATING	B	A	D	B	D		
CONTACTS	22-7† 1-#0	24-A1 1-#0	28B1 1-#0	32A1 1-4/0	36-01 36A1 1-#4/0		
RATING	E	B	E	B	C		

2 CONTACTS

CONTACTS	10SL-4‡ 2-#16	12S-3† 2-#16	14S-9‡ 2-#16	16S-4† 2-#16	16-11† 16A11★ 2-#12	16-13† 2-#12 Thermocouple
RATING	A	A	A For new MIL equip. design, use 12S-3	D	A	A

† = Military designation per MIL-STD-1651.


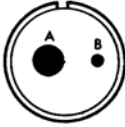
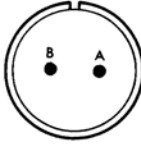
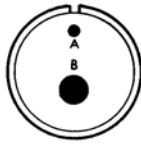
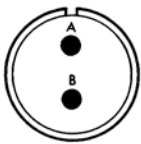
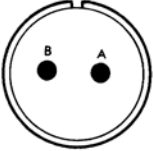
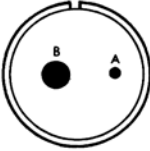
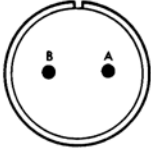
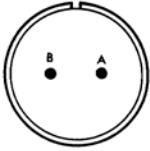
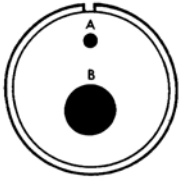
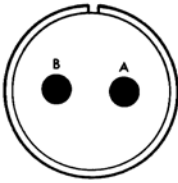
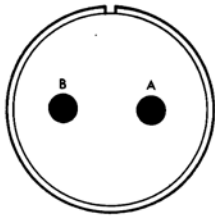
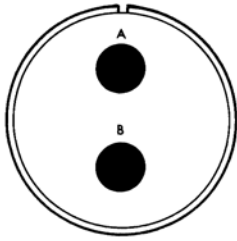
‡ = Military designation inactive for new design.

★ = VG95234

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

2 CONTACTS (CONT.)

					
CONTACTS	18-3† 2-#12	18-14† 1-#4 (A) 1-#16 (B)	20-5† 2-#16	20-12† 1-#16 (A) 1-#4 (B)	20-23† 2-#8
RATING	D For new MIL equip. design, use 18-5	A	E	A For new MIL equip. design, use 18-14	A For new MIL equip. design, use 20-22
					
CONTACTS	22-1† 2-#8	22-3† 1-#16 (A) 1-#4 (B)	22-8† 2-#12	22-11† 2-#16	24-1† 1-#12 (A) 1-#0 (B)
RATING	D For new MIL equip. design, use 22-2	D	E For new MIL equip. design, use 22-9	B	D
					
CONTACTS	24-9† 2-#4	28-7† 2-#4	32-5† 2-#0		
RATING	A For new MIL equip. design, use 24-12	D For new MIL equip. design, use 28-5	D For new MIL equip. design, use 32-1		

† = Military designation per MIL-STD-1651.

‡ = Military designation inactive for new design.

★ = VG95234

MIL-DTL-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

3 CONTACTS						
CONTACTS 3-#16	CONTACTS 14S-1‡ 14S-7† 3-#16	CONTACTS 3-#16	CONTACTS 3-#16	CONTACTS 2-#16 (A, B) 1-#8 (C)	CONTACTS 3-#12	CONTACTS 1-#16 (A) 2-#12 (B, C)
RATING A	RATING A	RATING A For new MIL equip. design, use 14S-7	RATING A For new MIL equip. design, use 14S-7	RATING A	RATING A	RATING D
CONTACTS 3-#12	CONTACTS 3-#16	CONTACTS 3-#12	CONTACTS 3-#16	CONTACTS 3-#8	CONTACTS 3-#12	
RATING A	RATING D For new MIL equip. design, use 18-4	RATING D For new MIL equip. design, use 20-4	RATING D For new MIL equip. design, use 18-4	RATING A For new MIL equip. design, use 20-22	RATING A	
CONTACTS 3-#8	CONTACTS 1-#16 (B) 2-#8 (A, C)	CONTACTS 3-#12	CONTACTS 2-#16 (B, C) 1-#0 (A)	CONTACTS 2-#16 (B, C) 1-#0 (A)	CONTACTS 3-#8	
RATING D	RATING D For new MIL equip. design, use 22-12	RATING E	RATING A	RATING A	RATING D	
CONTACTS 2-#12 (B, C) 1-#0 (A)	CONTACTS 3-#8	CONTACTS 3-#4	CONTACTS 3-#4	CONTACTS 3-#0		
RATING A	RATING E	RATING D For new MIL equip. design, use 28-22	RATING B	RATING D (A); A (balance) For new MIL equip. design, use 36-3		




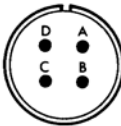
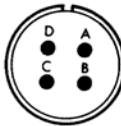
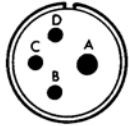
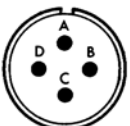
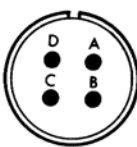
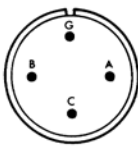
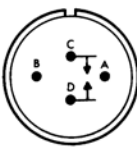
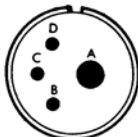
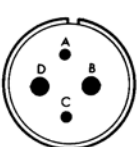
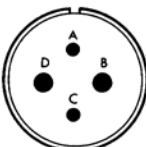
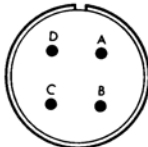
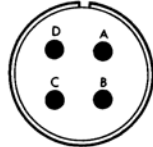
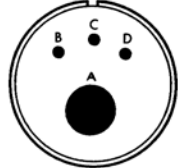
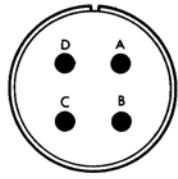
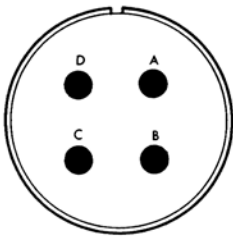
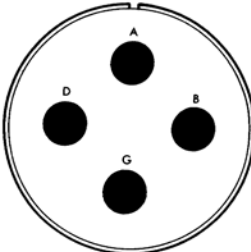
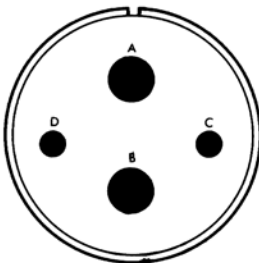
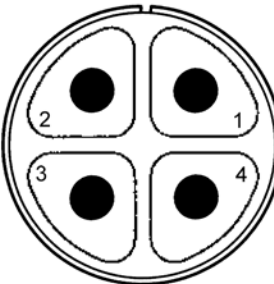
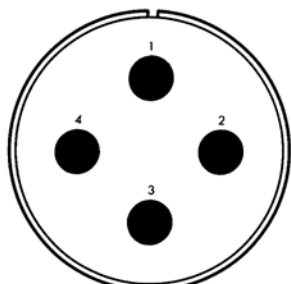
† = Military designation per MIL-STD-1651.

‡ = Military designation inactive for new design.

★ = VG95234

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

4 CONTACTS							
CONTACTS							
	12SA10 12S-2002-10 4-#16	14S-2† 4-#16	16-9† 2-#16 (B, D) 2-#12 (A, C)	18-4† 4-#16	18-10‡ 4-#12	18-13† 3-#12 (B, C, D) 1-#8 (A)	
RATING	A	INST.	A	D	A For new MIL equip. design, use 18-11	A	
CONTACTS							
	18-15† 4-#12 Thermocouple	20-4† 4-#12	20-10† 4-#16	20-13† 4-#16	20-20‡ 3-#12 (B, C, D) 1-#4 (A)	20-24‡ 2-#16 (A, C) 2-#8 (B, D)	22-4‡ 2-#12 (A, C) 2-#8 (B, D)
RATING	A	D	A	A	A	A	A For new MIL equip. design, use 20-14
CONTACTS							
	22-10† 4-#16	22-22† 22B22★ 4-#8	24-4† 3-#16 (B, C, D) 1-#0 (A)	24-22† 4-#8	32-17† 4-#4		
RATING	E	A	A	D	D		
CONTACTS							
	36-5† 4-#0	36-51 2-#4 (C, D) 2-#0 (A, B)	40B4 4-#0	40-57 4-#0			
RATING	A	D	E	E			



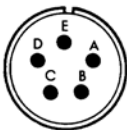
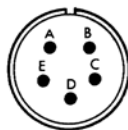
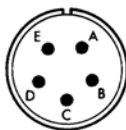
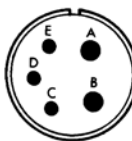
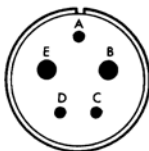
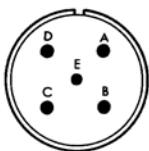
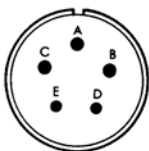
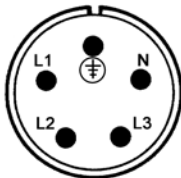
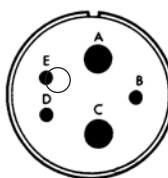
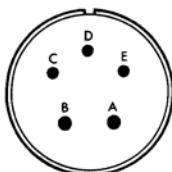
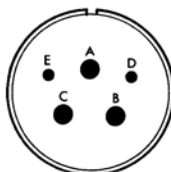
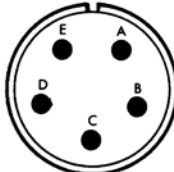
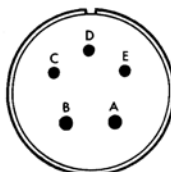
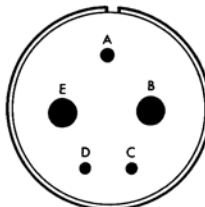
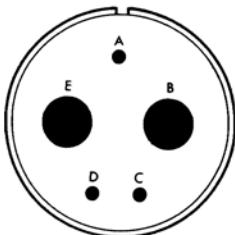
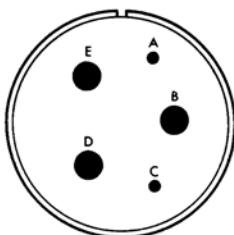
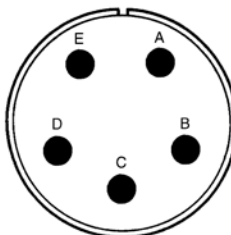
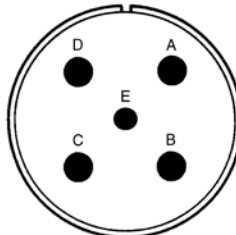
† = Military designation per MIL-STD-1651.

‡ = Military designation inactive for new design.

★ = VG95234

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

5 CONTACTS						
						
CONTACTS	14S-5† 5-#16	16S-8‡ 5-#16	18-11† 5-#12	18-20‡ 5-#16	18-29‡ 5-#16	20-14† 3-#12 (C, D, E) 2-#8 (A, B)
RATING	INST.	A	A	A For new MIL equip. design, use 16S-8	A For new MIL equip. design, use 16S-8	A
						
CONTACTS	22-12† 3-#16 (A, C, D) 2-#8 (B, E)	22-13‡ 1-#16 (E) 4-#12 (A-D)	22-34‡ 2-#16 (D, E) 3-#12 (A, B, C)	24-G5 5-#8 Top pin is grounded	24-12† 3-#12 (B, D, E) 2-#4 (A, C)	
RATING	D	A (A, D); D (E) For new MIL equip. design, use 22-15	D	A	A	
						
CONTACTS	24-17‡ 3-#16 (C, D, E) 2-#12 (A, B)	24-23‡ 2-#16 (D, E) 3-#8 (A, B, C)	24-79 5-#8	24-620 3-#16 (C, D, E) 2-#12 (A, B)	28-5† 2-#16 (C, D) 1-#12 (A) 2-#4 (B, E)	
RATING	D For new MIL equip. design, use 22-5	D	A		D	
						
CONTACTS	32-1† 3-#12 (A, C, D) 2-#0 (B, E)	32-2† 2-#16 (A, C) 3-#4 (B, D, E)	32-63† 5-#4	32-79 1-#8 (E) 4-#4 (A-D)		
RATING	E (A); D (balance)	E	D	D		

† = Military designation per MIL-STD-1651.

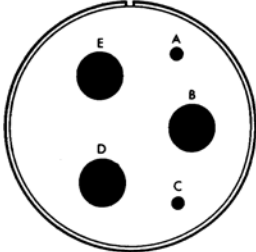
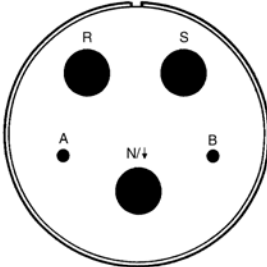
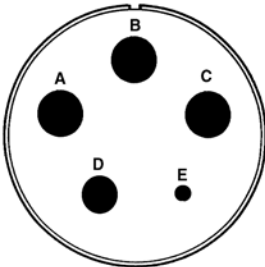
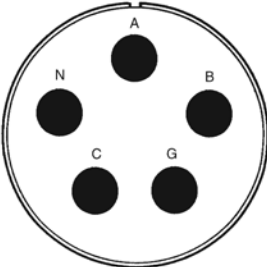
‡ = Military designation inactive for new design.

★ = VG95234


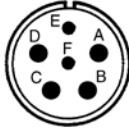
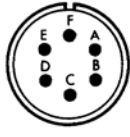
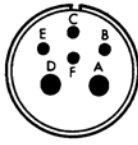
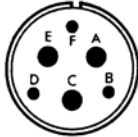
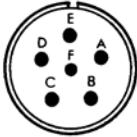
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

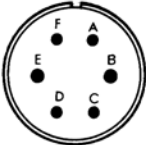
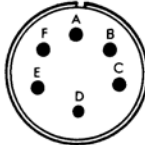
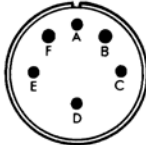
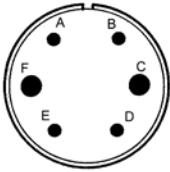
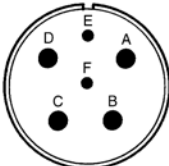
FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

5 CONTACTS (CONT.)

				
	36-2†	40A3	40A5	40B5
CONTACTS	2-#12 (A, C) 3-#0 (B, D, E)	2-#12 (A, D) 3-#0 (N, R, S)	1-#12 (E) 1-#4 (D) 3-#0 (A, B, C)	5-#0 (S, V)
RATING	D For new MIL equip. design, use 36-3	E	D	D

6 CONTACTS

						
	14S-6†	18A6 18-06	18-12†	20-8†	20-22†	20-17†
CONTACTS	6-#16	2-#16 (E, F) 4-#12 (A-D)	6-#16	4-#16 (B, C, E, F) 2-#8 (A, D)	3-#16 (B, D, F) 3-#8 (A, C, E)	1-#16 (F) 5-#12 (A-E)
RATING	INST.	A	A For new MIL equip. design, use 16S-1	INST.	A	A

					
	22-5†	22-15†	22-24†	24A-6	24-06 24C06
CONTACTS	4-#16 (A, C, D, F) 2-#12 (B, E)	1-#16 (D) 5-#12 (A, B, C, E, F)	4-#16 (A, C, D, E) 2-#12 (B, F)	2-#8 (F, C) 4-#12 (A, B, E, D)	2-#16 (E, F) 4-#8 (A, B, C, D)
RATING	A (A, B, C, E, F)	A (A, B, C, E, F) E (D)	A (A, B, F); D (C, D, E) For new MIL equip. design, use 22-5	D	D

† = Military designation per MIL-STD-1651.

‡ = Military designation inactive for new design.

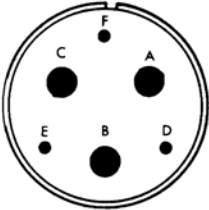
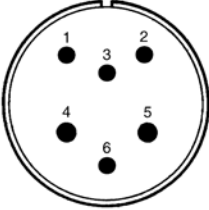
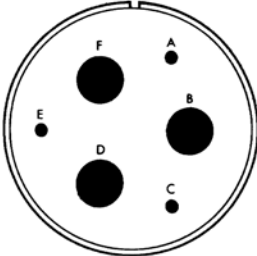
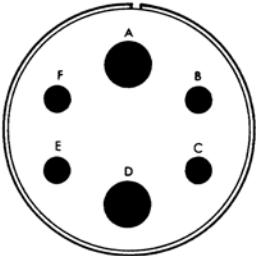
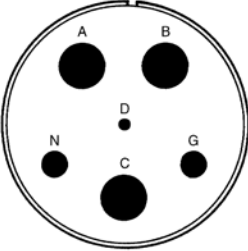
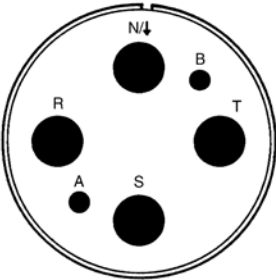
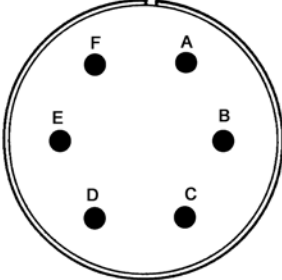
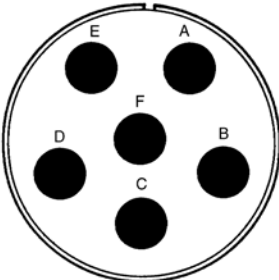
★ = VG95234

MIL-DTL-5015



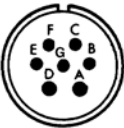
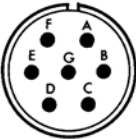
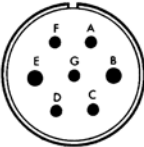
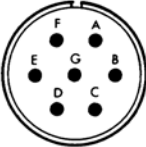
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

6 CONTACTS (CONT.)

				
	28-22†	28-82‡	36-3†	36-6†
CONTACTS	3-#16 (D, E, F) 3-#4 (A, B, C)	4-#12 (1, 2, 3, 6) 2-#8 (4, 5)	3-#12 (A, C, E) 3-#0 (B, D, F)	4-#4 (B, C, E, F) 2-#0 (A, D)
RATING	D	D	D	A
				
	36A51	40A4	40A6	40-60
CONTACTS	1-#16 (D) 2-#4 (G, N) 3-#0 (A, B, C)	2-#12 (A, B) 4-#0 (N, R, S, T)	6-#12	6-#0
RATING	D	A	B	A

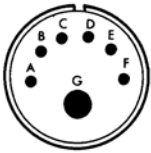
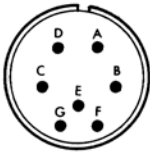
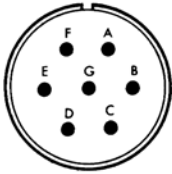
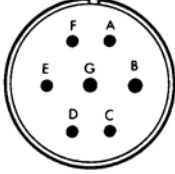
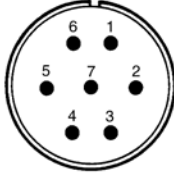
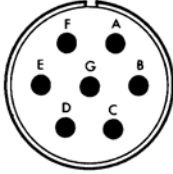
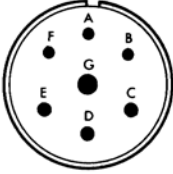
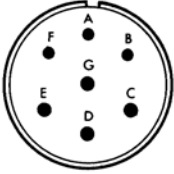
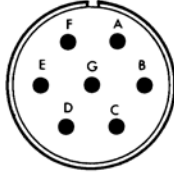
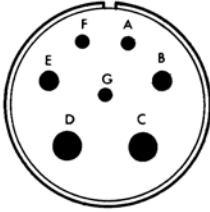
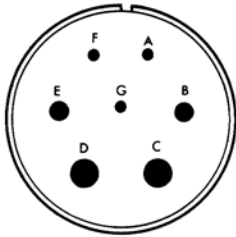
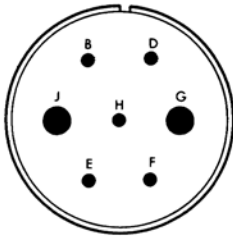
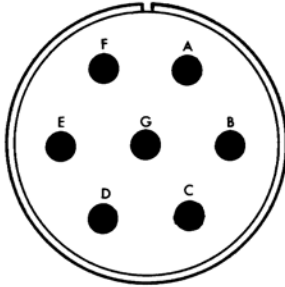
7 CONTACTS

						
	14SA7 14S-07	16S-1†	18-9‡	20-15‡	22-26‡	22-28‡
CONTACTS	7-#16	7-#16	5-#16 (B, C, E, F, G) 2-#12 (A, D)	7-#12	5-#16 (A, C, D, F, G) 2-#12 (B, E)	7-#12
RATING	INST.	A	INST.	A	A For new MIL equip. design, use 22-33	

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

7 CONTACTS (CONT.)

					
	22-29†	22-33‡	24-2†	24-3‡	24A7 24-07
CONTACTS	6-#16 (A, B, C, D, E, F) 1-#4 (G)	7-#16	7-#12	5-#16 (A, C-F) 2-#12 (B, G)	7-#12
RATING	A	A (E-G); D (A-D)	D	D For new MIL equip. design, use 24-20	D
					
	24-10†	24-16†	24-27†	24-66	28-10†
CONTACTS	7-#8	3-#16 (A, B, F) 3-#12 (C, D, E) 1-#8 (G)	7-#16	7-#12	3-#12 (A, F, G) 2-#8 (B, E) 2-#4 (C, D)
RATING	A	A (C-E); D (A, B, F, G)	E	A	D (G); A (balance)
					
	32-10‡	32-14	40-87		
CONTACTS	3-#16 (A, F, G) 2-#8 (B, E) 2-#4 (C, D)	5-#12 (B, D, E, F, H) 2-#4 (G, J)	7-#4		
RATING	A (C, D); B (G) D (B, E); E (A, F)	D	D		

† = Military designation per MIL-STD-1651.



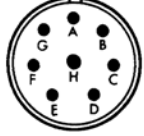
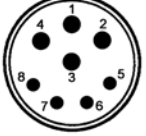
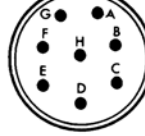
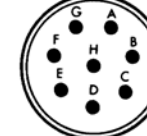
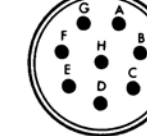
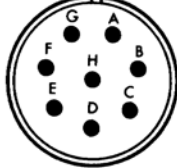
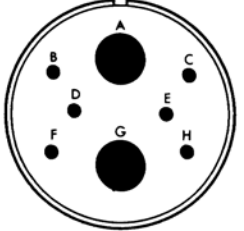
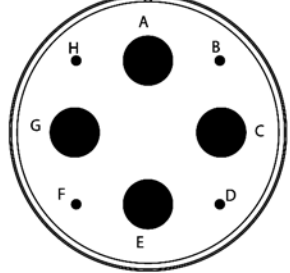
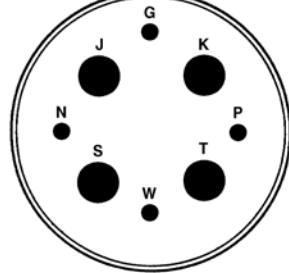
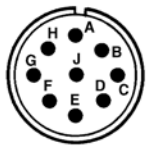
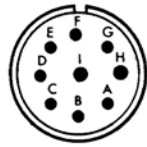
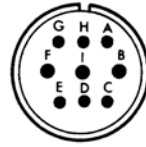
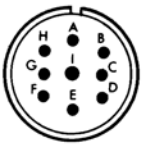
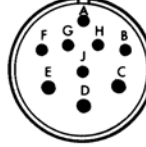
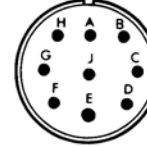
‡ = Military designation inactive for new design.

★ = VG95234

MIL-DTL-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

8 CONTACTS						
						
18-8†	20-7†	20-9†	20-B8	22-18†	22-23†	22-36†
CONTACTS 7-#16 (A-G) 1-#12 (H)	8-#16	7-#16 (A-G) 1-#12 (H)	4-#16 (5-8) 4-#12 (1-4)	8-#16	8-#12	8-#12 Thermocouple
RATING A	A (C-F) D (A, B, G, H)	A (A-G); D (H)	A	A (C-E) D (balance)	D (H); A (balance)	A (A-G); D (H)
						
24-6†	32-15†	40A8	40A10			
CONTACTS 8-#12	6-#12 (B, F, H) 2-#0 (A, G)	4-#16 (B, D, F, H) 4-#0 (A, C, E, G)	4-#16 (G, N, P, W) 4-#4 (J, K, S, T)			
RATING D (A, G, H) A (balance)	D	E	D			
9 CONTACTS						
						
20A9	20-16†	20-18†	20-21†	22-16†	22-17†	
CONTACTS 9-#12	7-#16 (A-G) 2-#12 (H, I)	6-#16 (A, C, D, E, G, H) 3-#12 (B, F, I)	8-#16 (A-H) 1-#12 (I)	6-#16 (A, B, F-J) 3-#12 (C, D, E)	8-#16 (A-D, F-J) 1-#12 (E)	
RATING D (J) A (balance)	A	A	A	A For new MIL equip. design, use 20-18	D (A); A (balance)	

† = Military designation per MIL-STD-1651.

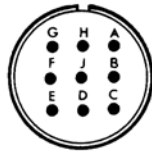
‡ = Military designation inactive for new design.

★ = VG95234

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

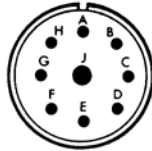
FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

9 CONTACTS (CONT.)



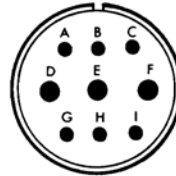
22-20†

9-#16



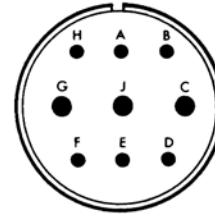
22-27†

8-#16 (A-H)
1-#8 (J)



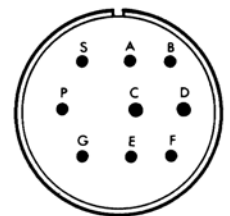
24-11†

6-#12 (A-C, G-I)
3-#8 (D, E, F)



28-1†

6-#12 (A, B, D, E, F, H)
3-#8 (C, J, G)



28-4†

7-#16 (A, B, E, F, G, P, S)
2-#12 (C, D)

CONTACTS

RATING

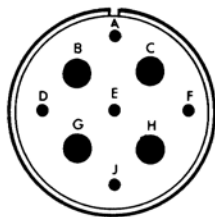
A
For new MIL equip.
design, use 20-33

D (J); A (balance)

A

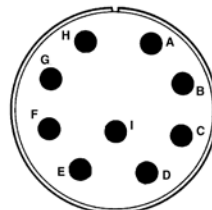
D (A, E, J)
A (balance)

E (G, P, S)
D (balance)



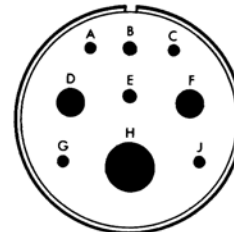
28A9
28-09

5-#16 (A,D,E,F,J)
4-#4 (B,C,G,H)



28-84

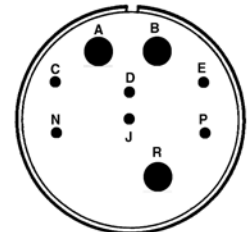
9-#8



32-3†

4-#16 (A, C, G, J)
2-#12 (B, E)
2-#4 (D, F), 1-#0 (H)

D



32-689

6-#16 (C,D,E,J,N,P)
3-#4 (A,B,R)

A

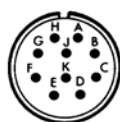
CONTACTS

RATING

A

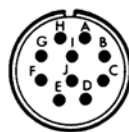
A

10 CONTACTS



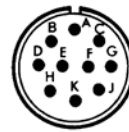
16A10

10-#18



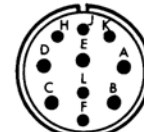
18-1†

10-#16



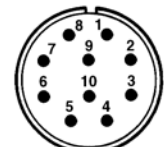
18-19‡

10-#16



20-58

5-#16 (F-L)
5-#12 (A-E)



22A10

10-#16

CONTACTS

RATING

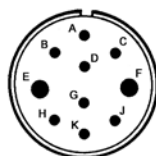
A

A (B, C, F, G)
INST. (balance)

A
For new MIL equip.
design, use 18-1

A

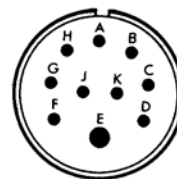
A



22-82

8-#16 (A-D,G-K)
2-#8 (E,F)

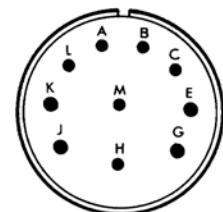
A



24-21†

9-#16 (A-D, F-K)
1-#8 (E)

D



28-19 †

6-#16 (A, B, C, H, L, M)
4-#12 (E, G, J, K)

A (C, E, G, J, K, L)
B (H, M); D (A, B)

CONTACTS

RATING

† = Military designation per MIL-STD-1651.

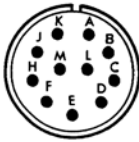
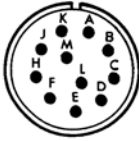
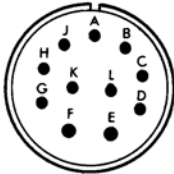
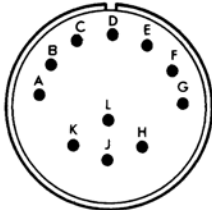
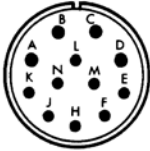
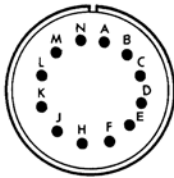
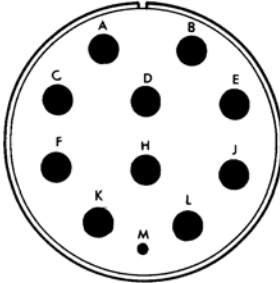
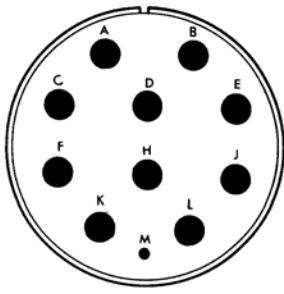
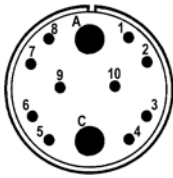
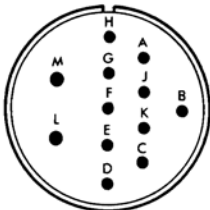
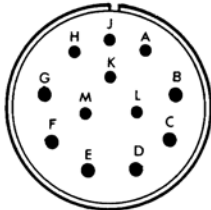
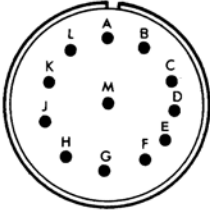
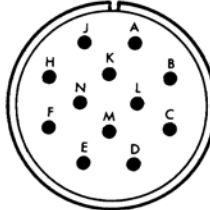
‡ = Military designation inactive for new design.

★ = VG95234

MIL-DTL-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

11 CONTACTS				
				
CONTACTS 11-#16	CONTACTS 11-#16	CONTACTS 9-#16 (A-D, G-L) 2-#12 (E, F)	CONTACTS 11-#16	
RATING A	RATING A	RATING D For new MIL equip. design, use 28-2	RATING D	
12 CONTACTS				
				
CONTACTS 8-#16 (E-L) 4-#12 (A-D)	CONTACTS 12-#16	CONTACTS 1-#16 (M) 10-#4 (A-L)	CONTACTS 1-#16 (M) 10-#4 (A-L)	
RATING A	RATING A	RATING A	RATING A	
				
CONTACTS 10-#16 (1-10) 2-#4 (A,C)	CONTACTS 10-#16 (A-K) 2-#12 (L, M)	CONTACTS 6-#16 (A, H, M) 6-#12 (B-G)	CONTACTS 12-#16	CONTACTS 12-#12
RATING A	RATING D (B); E (L, M) A (balance)	RATING D	RATING A (A, B); C (M) D (G, L); INST. (C-F)	RATING D

† = Military designation per MIL-STD-1651.

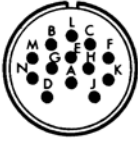
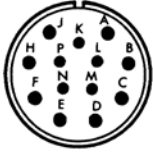
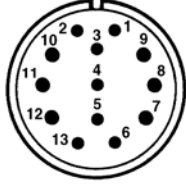
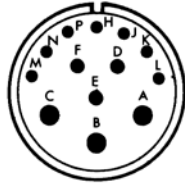
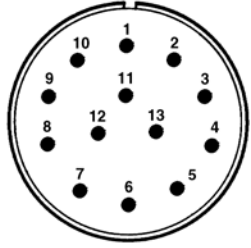
‡ = Military designation inactive for new design.

★ = VG95234

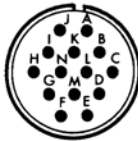
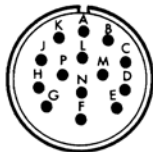
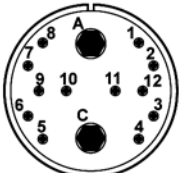
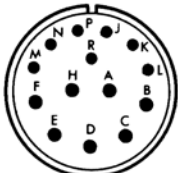
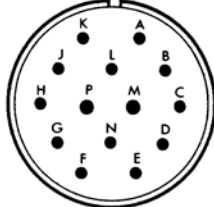
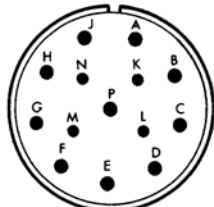
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

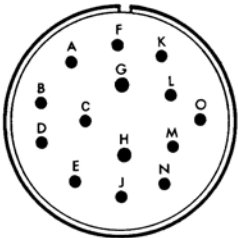
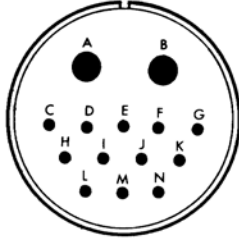
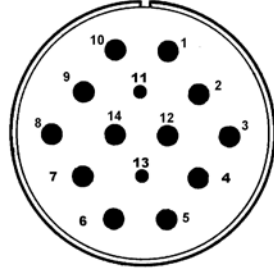
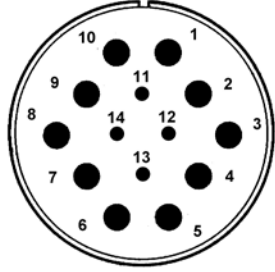
FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

13 CONTACTS

				
20-11†	22-70	24A13	24-58	32A13
CONTACTS 13-#16	5-#16 (K-P) 8-#12 (A-J)	7-#16 (1-6, 13) 6-#12 (7-12)	7-#16 (H-P) 3-#12 (D, E, F); 3-#8 (A, B, C)	13-#12
RATING INST.		A		D

14 CONTACTS

					
20-27†	22-19†	24S14	24-59	28-2†	28-20†
CONTACTS 14-#16	14-#16	12-#16 (1-12) 2-#4 (A, C)	7-#16 (J-R) 7-#12 (A-H)	12-#16 (A, L, N) 2-#12 (M, P)	4-#16 (K-N) 10-#12 (A-J, P)
RATING A	A	A	A	D	A

			
32-4‡	32-9‡	36B78	36D78
CONTACTS 12-#16 (A-F, J-O) 2-#12 (G, H)	12-#16 (C-N) 2-#4 (A, B)	2-#16 (11, 13) 12-#8 (1-10, 12, 14,)	4-#16 (11-14) 10-#8 (1-10)
RATING A (F, J, K, N,) D (balance)	D For new MIL equip. design, use 28-2	D	D

† = Military designation per MIL-STD-1651.

‡ = Military designation inactive for new design.

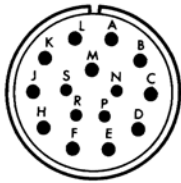
★ = VG95234

MIL-DTL-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

15 CONTACTS



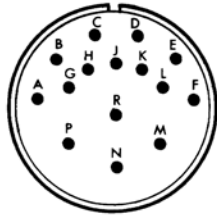
24-65

4-#16 (N-S)
11-#12 (A-M)

CONTACTS

RATING

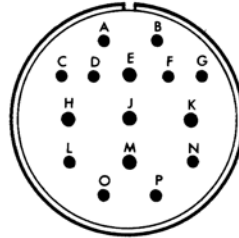
A



28-17†

15-#16

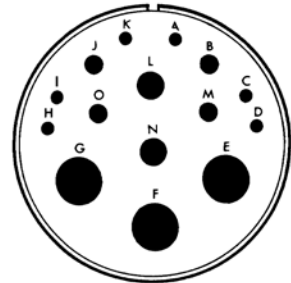
A (A-L); B (R)
D (M-P)



32-12‡

10-#16 (A-D, F, G, L, N-P)
5-#12 (E, H, J, K, M)

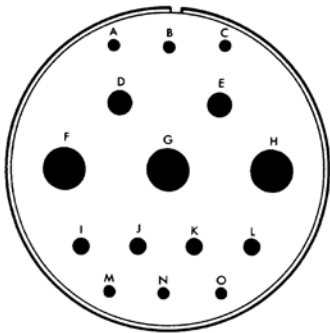
A (C-G); D (balance)
For new MIL equip.
design, use 32-13



40-5†

6-#12 (C, D, H, I, K)
4-#8 (B, J, M, O)
2-#4 (L, N), 3-#0 (E, F, G)

D



48-1†

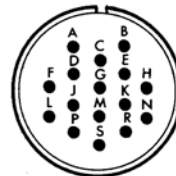
6-#12 (A-C, M-O)
4-#8 (I-L), 2-#4 (D,E)
3-#0 (F-H)

CONTACTS

RATING

E (B, N); D (balance)

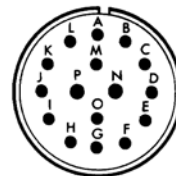
16 CONTACTS



24-5‡

16-#16

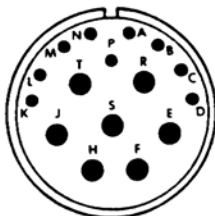
A
For new MIL equip.
design, use 22-14



24-7†

14-#16 (A-M, O)
2-#12 (N-P)

A



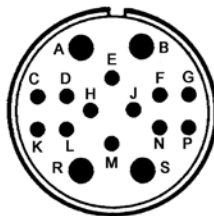
28-79

9-#16 (A-D, K-P)
7-#8 (J, R, S, T)

CONTACTS

RATING

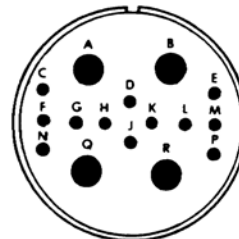
A



28-124

12-#16 (C-P)
4-#8, (A,B,R,S)

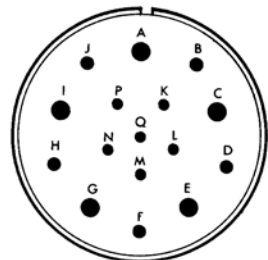
A



32-68

12-#16 (C-P)
4-#4, (A,B,Q,R)

A



36-14 ‡

6-#16 (K-Q)
5-#12 (B, D, F, H, J)
5-#8 (A, C, E, G, I)

D

† = Military designation per MIL-STD-1651.

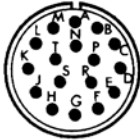
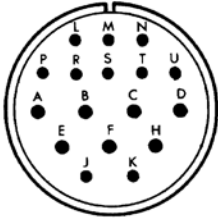
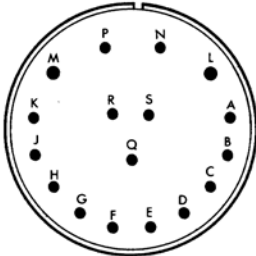
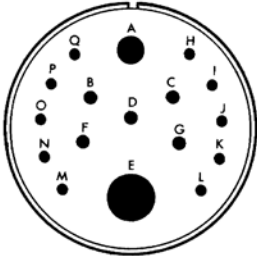
‡ = Military designation inactive for new design.

★ = VG95234

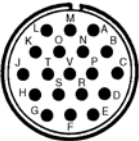
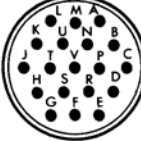
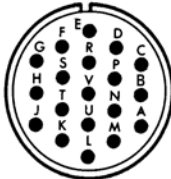
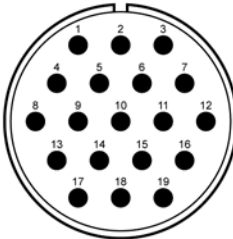
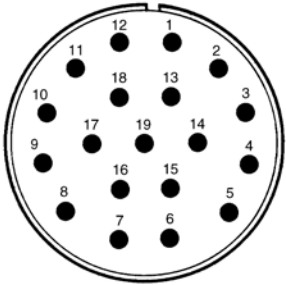
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

17 CONTACTS

				
	20-29†	28-59	36-13‡	36-19‡
CONTACTS	17-#16	10-#16 (J-U) 7-#12 (A-H)	15-#16 (A-K, N-S) 2-#12 (L, M)	10-#16 (H-Q) 5-#12 (B-D, F, G) 1-#4 (A), 1-#0 (E)
RATING	A	A	E (N-Q); A (balance)	D

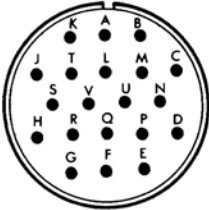
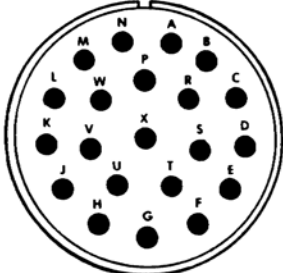
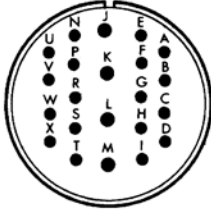
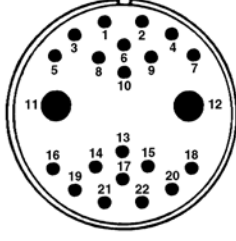
19 CONTACTS

					
	20A48	22-14‡	24-67	32-76	40B19
CONTACTS	19-#16	19-#16	19-#12	19-#12	19-#8
RATING	I	A	A	A	A

20 CONTACTS

21 CONTACTS

22 CONTACTS

				
	28-16‡	40-68	28-11†	32B22
CONTACTS	20-#16	21-#8	18-#16 (A-I, N-X) 4-#12 (J-M)	20-#16 (1-10, 13-22) 2-#4 (11, 12)
RATING	A For new MIL equip. design, use 28-12	A	A	A

† = Military designation per MIL-STD-1651.

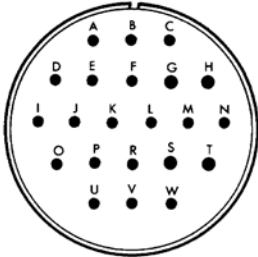
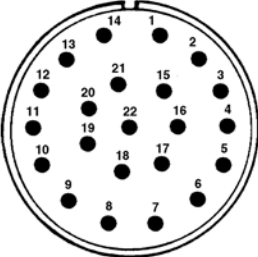
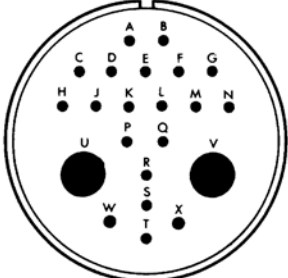
‡ = Military designation inactive for new design.

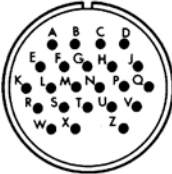
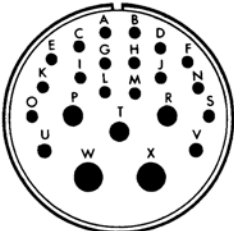
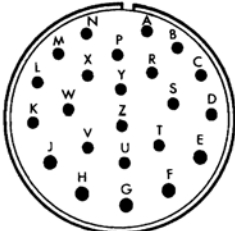
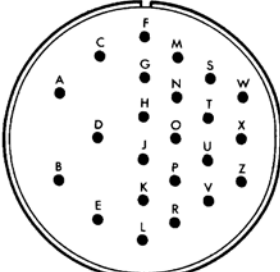
★ = VG95234

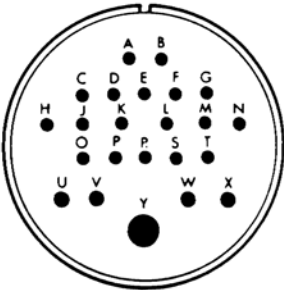
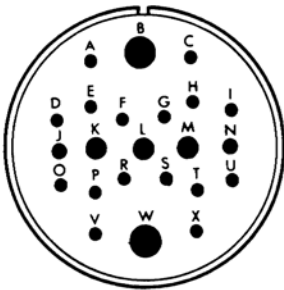
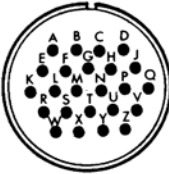
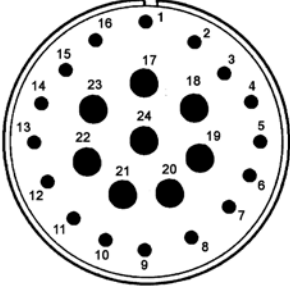
MIL-DTL-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

22 CONTACTS (CONT.)		
<div>CONTACTS</div> <div>RATING</div>	 <p>36-1‡ 18-#16 (A-F, I-R, U-W) 4-#12 (G, H, S, T)</p>	 <p>36-22 36A22 22-#12</p>
	<p>D For new MIL equip. design, use 32-13</p>	<p>D</p>
		 <p>40-7† 18-#16 (A-T), 2-#12 (W, X) 2-#0 (U, V)</p> <p>A (P, Q, U-X); D (balance)</p>

23 CONTACTS			
<div>CONTACTS</div> <div>RATING</div>	 <p>24-80† 23-#16</p>	 <p>32-6† 16-#16 (A-O, S) 2-#12 (U,V) 3-#8 (P-T), 2-#4 (W, X)</p>	 <p>32-13† 18-#16 (A-D, K-Z) 5-#12 (E-J)</p>
	<p>INST.</p>	<p>A</p>	<p>D</p>
			 <p>40-2† 23-#16</p> <p>B (A-E); D (balance)</p>

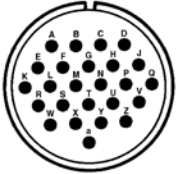
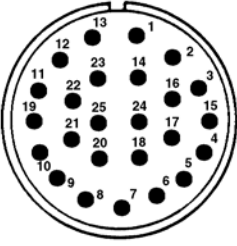
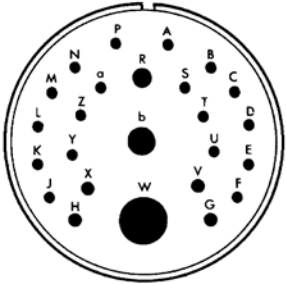
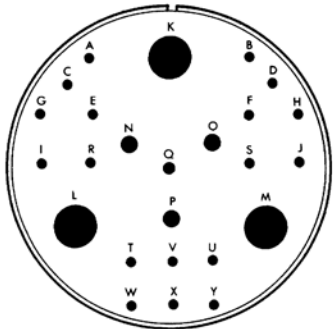
24 CONTACTS			
<div>CONTACTS</div> <div>RATING</div>	 <p>40-3† 18-#16 (A-T) 4-#12 (U-X); 1-#4 (Y)</p>	 <p>40-4† 16-#16 (A, C-I, O-V, X) 2-#12 (J, N); 3-#8 (K, L, M); 2-#4 (B, W)</p>	 <p>24-28† 24-#16</p>
	<p>D</p>	<p>D</p>	<p>INST.</p>
			 <p>40-A24 16-#12 (1-16) 8-#8 (17-24)</p> <p>D</p>

† = Military designation per MIL-STD-1651. ‡ = Military designation inactive for new design. ★ = VG95234

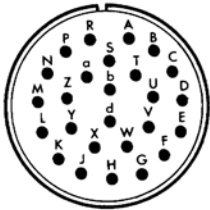
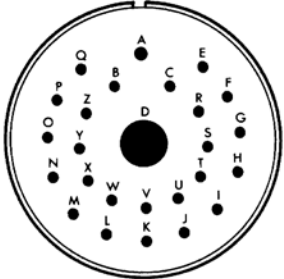
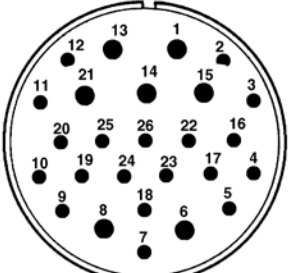
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

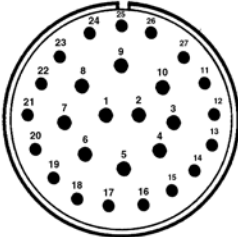
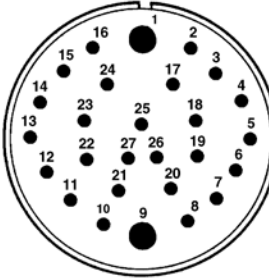
25 CONTACTS

			
24A25	32A25	40-11†	48-3‡
CONTACTS	25-#16	25-#12	18-#16 (A-J, R-Y) 1-#12 (Q), 3-#8 (N-P) 3-#0 (K-M)
RATING	INST.	A	D

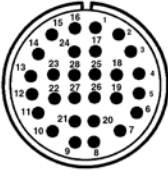
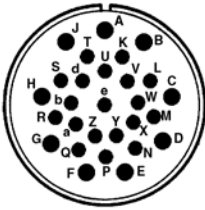
26 CONTACTS

		
28-12†	40-6†	40-26
CONTACTS	26-#16	24-#16 (B, C, E, Z) 1-#12 (A), 1-#0 (D)
RATING	A	D

27 CONTACTS

	
32A27	40A27
CONTACTS	10-#12 (1-10) 17-#16 (11-27)
RATING	A

28 CONTACTS

	
24A28	28A63
CONTACTS	19-#16 (K-e) 9-#12 (A-H)
RATING	A (e) I (balance)

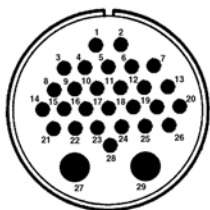
† = Military designation per MIL-STD-1651. ‡ = Military designation inactive for new design. ★ = VG95234

MIL-DTL-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

29 CONTACTS



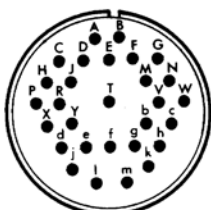
28A29

CONTACTS

27-#16 (1-26,28)
2-#8 (27,29)

RATING

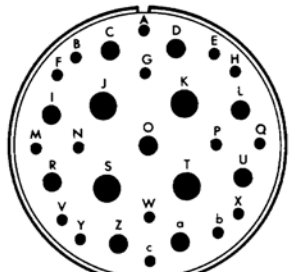
A



28A55

29-#16

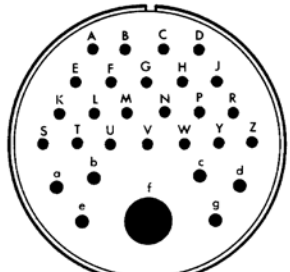
A



40-10†

16-#16 (A, B, E-H, M, N, P, Q, V-Y, b, c)
9-#8 (C, D, I, L, O, R, U, z, a)
4-#4 (J, K, S, T)

A

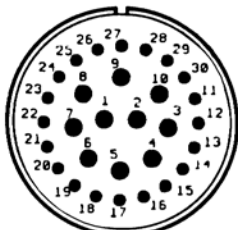


40-12‡

22-#16 (A-Z)
6-#12 (a-e, g), 1-#0 (f)

D

30 CONTACTS



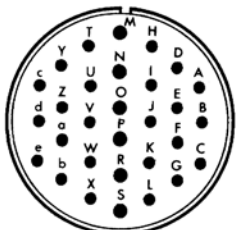
32A30

CONTACTS

20-#16 (11-30)
10-#12 (1-10)

RATING

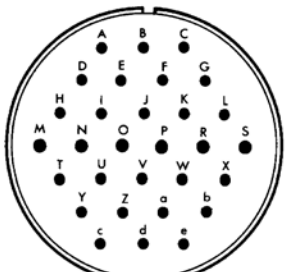
A



32-8†

24-#16 (A-L, T-Z, a-e)
6-#12 (M-S)

A
For new MIL equip.
design, use 32-7



40-1†

24-#16 (A-L, T-e)
6-#12 (M-S)

D

31 CONTACTS



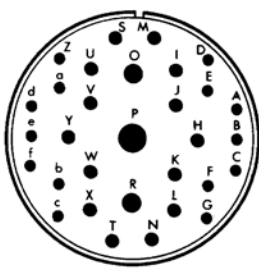
32-31

CONTACTS

31-#16

RATING

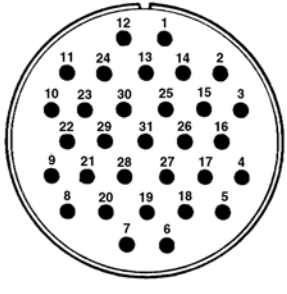
A



36-9†

14-#16 (A-G, Z-f)
14-#12 (H-N, S-Y)
2-#8 (O, R), 1-#4 (P)

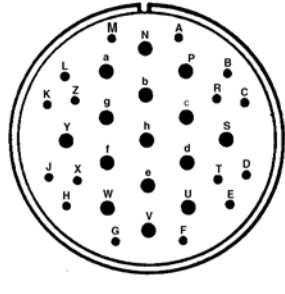
A



40-31

31-#12

D



40A51

16-#16 (A-M, R, T, X, Z)
15-#8 (N, P, S, U, W, Y, a-h)

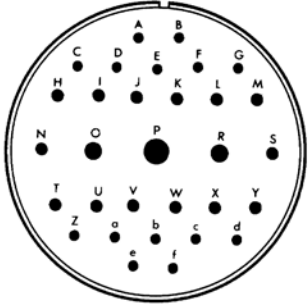
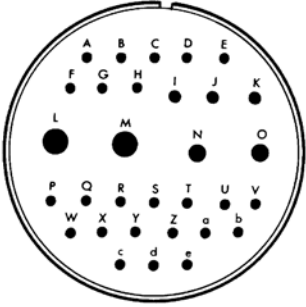
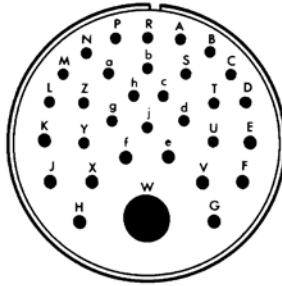
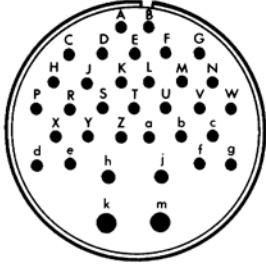
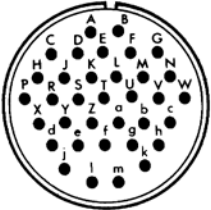
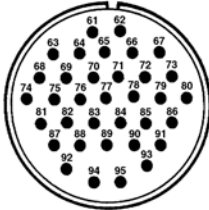
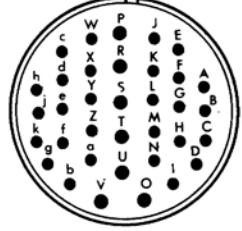
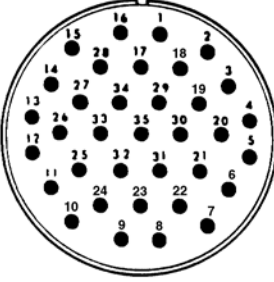
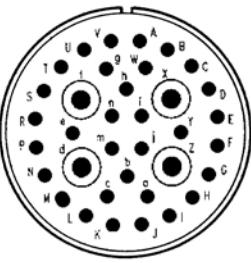
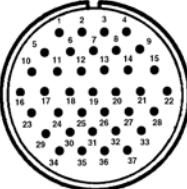
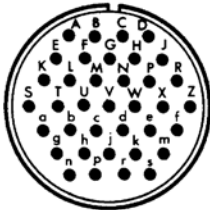
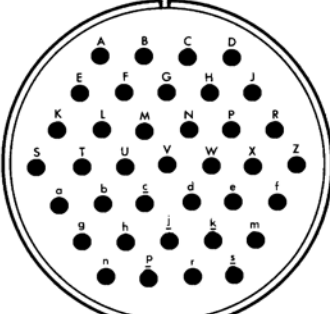
A

† = Military designation per MIL-STD-1651. ‡ = Military designation inactive for new design.

★ = VG95234

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

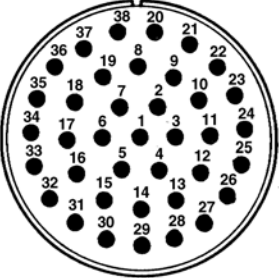
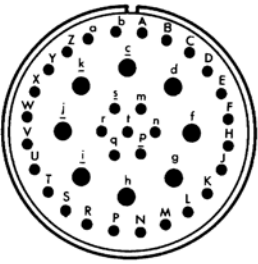
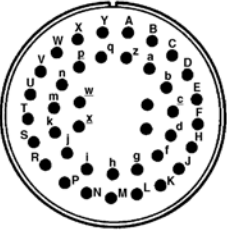
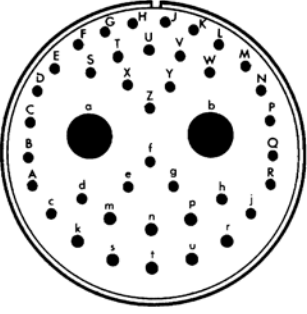
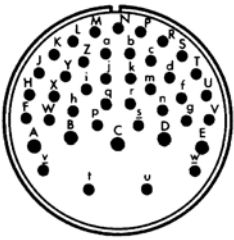
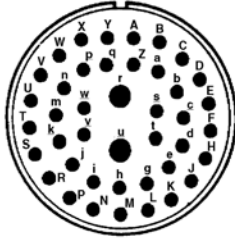
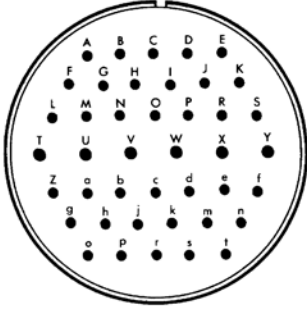
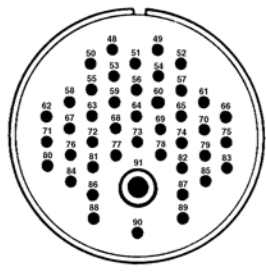
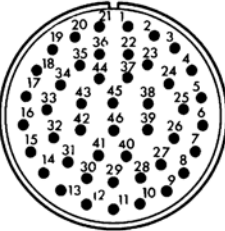
	31 CONTACTS (CONT.)		32 CONTACTS	34 CONTACTS
				
	44-2†	44-3†	40-14‡	36-20‡
CONTACTS	14-#16 (A-G, Z-f) 14-#12 (H-N,S-Y) 2-#8 (O,R), 1-#4 (P)	24-#16 (A-H, P-e) 3-#12 (I, J, K) 2-#8 (N, O), 2-#4 (L, M)	21-#16 (A-D, L-U, Y-d, g, h, j) 10-#12 (E-K, V, X, e, f) 1-#0 (W)	30-#16 (A-g) 2-#12 (h-j) 2-#8 (k, m)
RATING	D	D	D	A
	35 CONTACTS			
				
	28-15†	28A35	32-7†	40-35
CONTACTS	35-#16	35-#16	28-#16 (A-N, W-Z, a-k) 7-#12 (O-V)	35-#12
RATING	A For new MIL equip. design, use 28-21	A	INST. (A,B,h,j) A (balance)	D (m); A (balance)
	36 CONTACTS	37 CONTACTS		
				
	36-35	22A37	28-21†	48-53
CONTACTS	4-#8 (d, f, X, Z) 32-#16 (A-W,Y,a,b,c,e,g-n)	37-#18	37-#16	37-#12
RATING	A	A	A	D

† = Military designation per MIL-STD-1651. ‡ = Military designation inactive for new design. ★ = VG95234

MIL-DTL-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

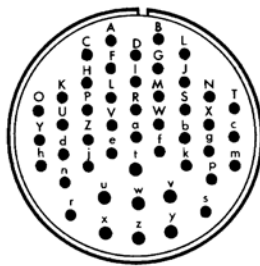
	38 CONTACTS	39 CONTACTS	40 CONTACTS	41 CONTACTS
				
	40A38	36-54	32A40	44-4†
CONTACTS	38-#12	31-#16 (A-b, m-t) 8-#8 (c-k)	40-#16	31-#16 (A-Z, c, j) 8-#12 (k-u), 2-#0 (a, b)
RATING	A	A	A	D
	42 CONTACTS			
				
	32-53	32-59	44-1†	
CONTACTS	37-#16 (F-w) 5-#12 (A-E)	2-#8 (r, u) 40-#16 (balance)	36-#16 (A-S, Z-t) 6-#12 (T-Y)	
RATING	E (t,u); INST. (balance)	A	D	
	44 CONTACTS	46 CONTACTS		
				
	36-74	32-73†		
CONTACTS	43-#16 (48-90) 1-#8	46-#16		
RATING	A	A		

† = Military designation per MIL-STD-1651. ‡ = Military designation inactive for new design. ★ = VG95234

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

47 CONTACTS



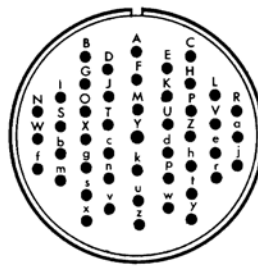
36-7†

CONTACTS

40-#16 (A-Z, a-s)
7-#12 (t-z)

RATING

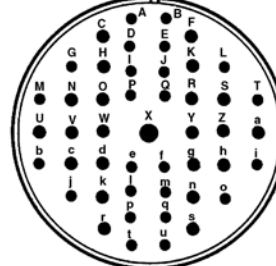
A



36-8†

46-#16 (A-X, Z-z)
1-#12 (Y)

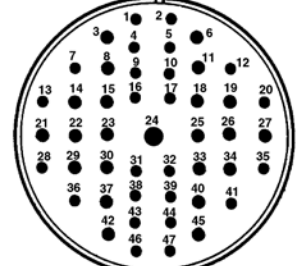
A



40-9†

24-#16 (A, B, D, E, G, I, J, L, M, P, Q, T, b, e, f, i, j, l, m, o, p, q, t, u) 22-#12 (C, F, H, K, N, O, R, S, U-W, Y, Z, a, c, d, g, h, k, n, r, s), 1-#8 (X)

A

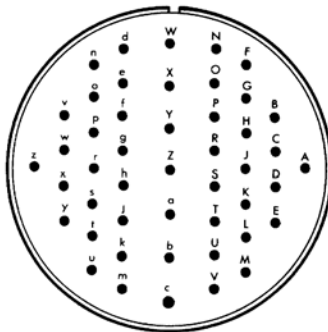


40-47

24-#16 (1,2,4,5,7,9,10,12,13,16,17,20,28, 31,32,25, 38,39,44, 43,44,46,47)
22-#12 (3,6,8,11,14,15,18,19,21,22,23,25,26, 27,29,30,33,34,37,40,42,45) 1-#8 (24)

A

48 CONTACTS



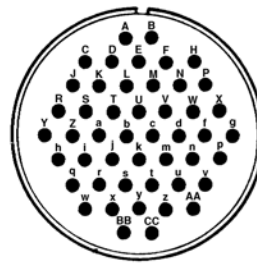
48-2†

CONTACTS

46-#16 (A-b, d-z)
1-#12 (c)

RATING

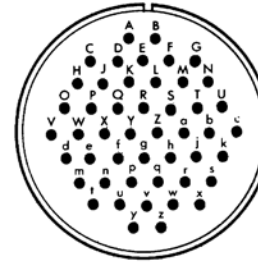
E (W-b); D (balance)



32A48

48-#16

I

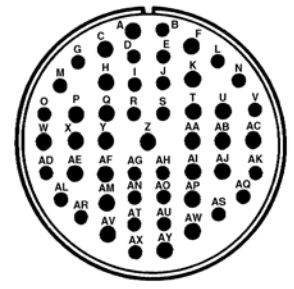


36-10†

48-#16

A

51 CONTACTS

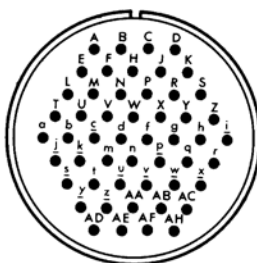


40-951 (A,P)

25-#12 (A,C,F,H,K,P,Q,T,U,W-AC, AE,AF,AI,AJ,AM,AP,AV,AW)
26-#16 (balance)

A

52 CONTACTS



36-52†

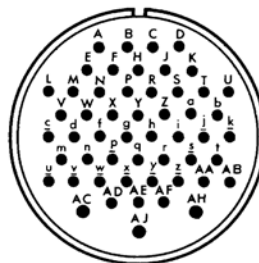
CONTACTS

52-#16

RATING

A

53 CONTACTS



36-71

50-#16 (A-AB, AD-AF)
3-#12 (AC, AH, AJ)

A

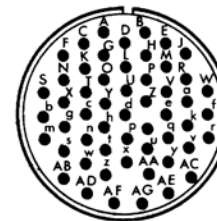
54 CONTACTS



32-22†

54-#16

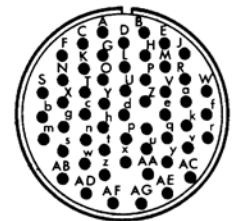
A



32-64

54-#16

INST.



32-88

54-#16

A

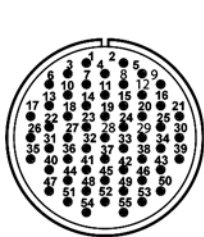
† = Military designation per MIL-STD-1651. ‡ = Military designation inactive for new design. ★ = VG95234

MIL-DTL-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

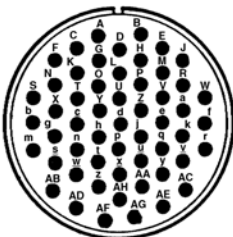
FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

55 CONTACTS



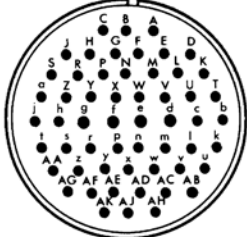
24A55

55-#20



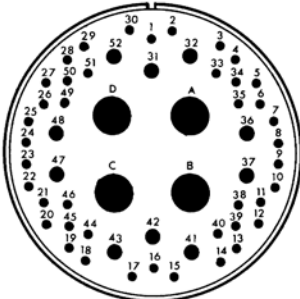
32A55

55-#16



36-66†

52-#16 (A-c, h-AH)
4-#12 (d, e, f, g)



48-57

42-#16 (1-30, 33-35, 38-40, 44-46,
49-51) 10-#8 (31, 32, 36, 37, 41-43,
47, 48, 52) 4-#0 (A-D)

CONTACTS

RATING

A

A

A

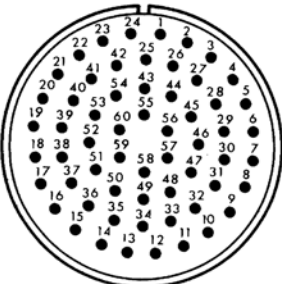
A

60 CONTACTS



40S27

60-#16



40-53

60-#16



40-62

60-#16

CONTACTS

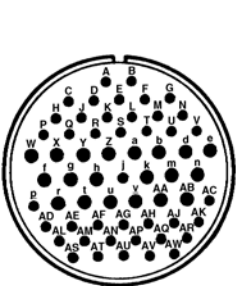
RATING

A

A

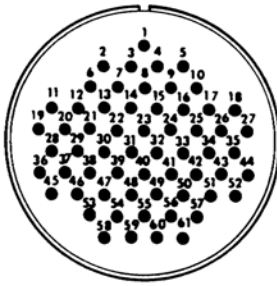
A

61 CONTACTS



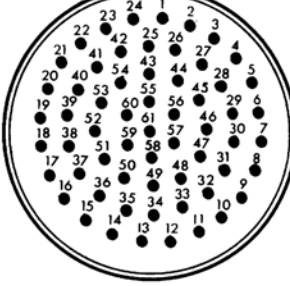
32A69★

41-#18 (A-V, AC-AW, j, p)
20-#16 (W-Z, AA, AB, A-V)



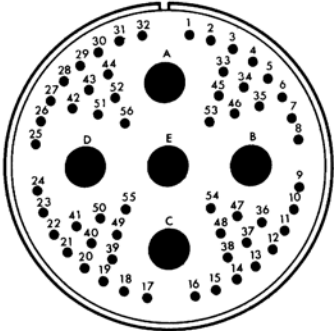
40-70

61-#16



40-63

61-#16



48-52

56-#16 (1-56)
5-#0 (A-E)

CONTACTS

RATING

A

A

A

A

† = Military designation per MIL-STD-1651.

‡ = Military designation inactive for new design.

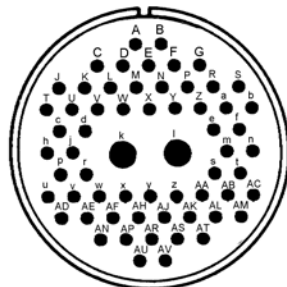
★ = VG95234



INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

62 CONTACTS



40A62

62-#16

CONTACTS

RATING

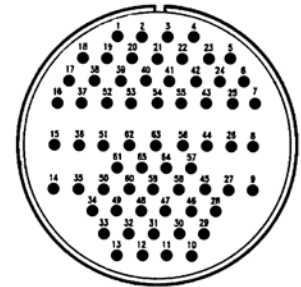
A

40-82

62-#16

A

65 CONTACTS

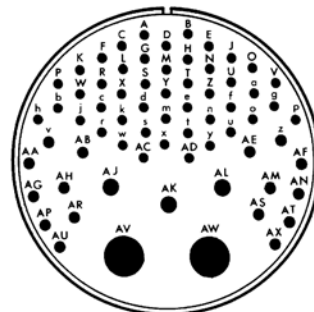


40A65

65-#16

A

68 CONTACTS



48-4†

47-#16 (A-u, w, y, AC, AD)
16-#12 (v, z, AA, AB, AE-AH, AM-AU, AX)
3-#8 (AJ-AL), 2-#0 (AV, AW)

CONTACTS

RATING

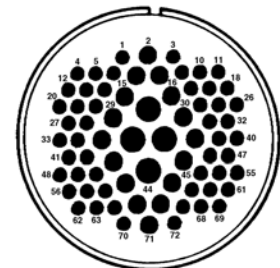
D (AJ-AL, AV, AW); A (balance)

28-72

72-#20

I

72 CONTACTS

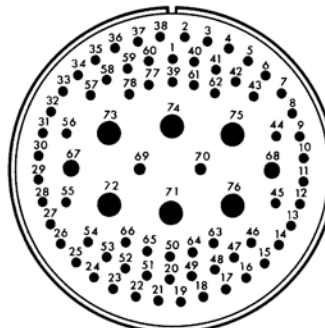


36-A72

52-#18 (balance)
16-#16 (2,7,8,15,16,29,30,35,38,43,45,51,52,65,66,71)
4-#12 (23,36,37,44)

I

78 CONTACTS



48-55

68-#16 (1-66, 77, 78)
2-#12 (69, 70); 2-#8 (67, 68)
6-#4 (71-76)

CONTACTS

RATING

A

† = Military designation per MIL-STD-1651.

‡ = Military designation inactive for new design.

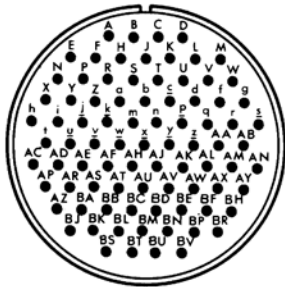
★ = VG95234

MIL-DTL-5015

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

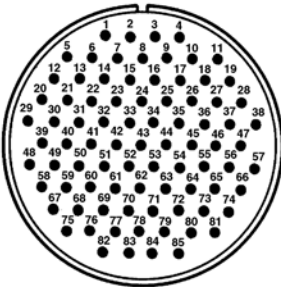
FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

85 CONTACTS



40-56†

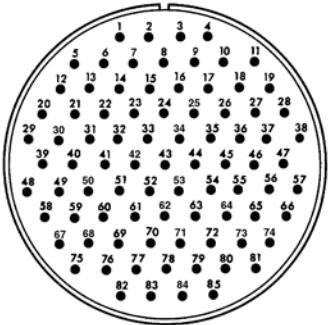
85-#16



40A56

40N56

85-#16



48-62†

85-#16

CONTACTS

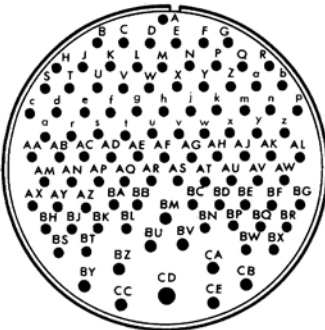
RATING

A

A

D

100 CONTACTS



48-5‡

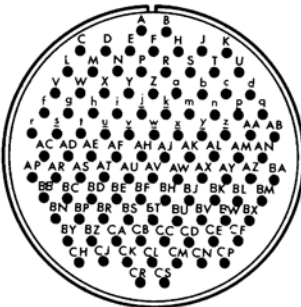
90-#16 (A-BL, BN-BT, BW, BX)
9-#12 (BM, BU, BV, BY-CC, CE)
1-#8 (CD)

CONTACTS

RATING

A

104 CONTACTS

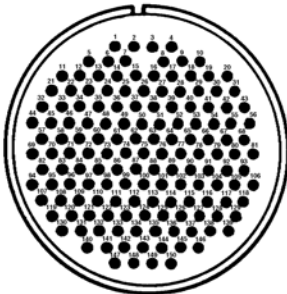


44-52†

104-#16

A

150 CONTACTS



40-150

40A150

150-#18

I

†† = Military designation per MIL-STD-1651.

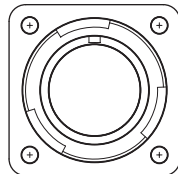
‡ = Military designation inactive for new design.

★ = VG95234

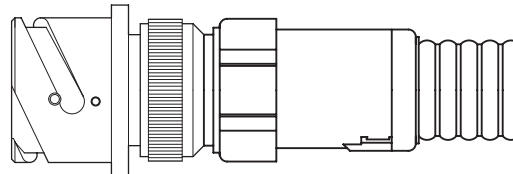
SECTION 5C

CONNECTORS FOR PLASTIC CONDUIT

FRONT VIEW

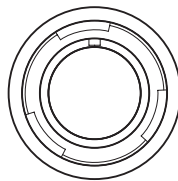


SIDE VIEW

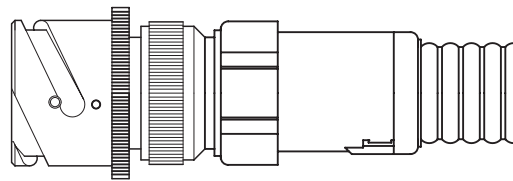


Wall Mount Receptacle SCP B00TRAC*
For Dimensions, see Page 1C-17

FRONT VIEW

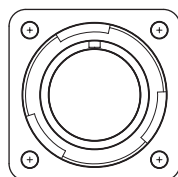


SIDE VIEW

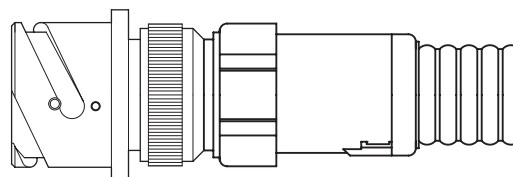


In-Line Receptacle SCP B01TRAC*
*For Dimensions, see Page 1C-31

FRONT VIEW

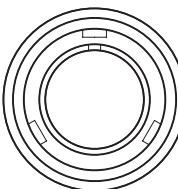


SIDE VIEW

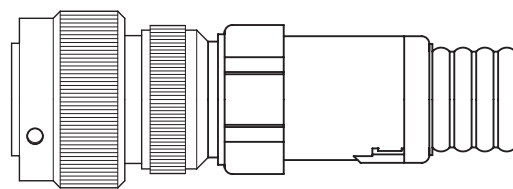


Wall Mount Receptacle, Rear Panel Mount SCP B030TRAC*
For Dimensions, see Page 1C-49

FRONT VIEW

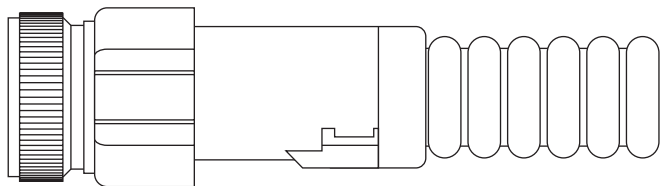


SIDE VIEW



Straight Plug SCP B06TRAC*
For Dimensions, see Page 1C-71

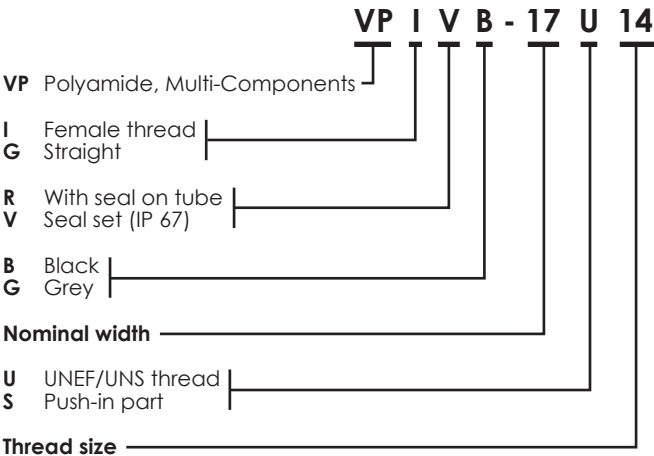
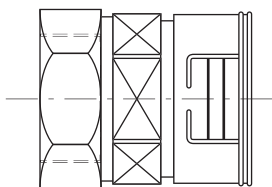
FLEXIBLE CONDUIT - PLASTIC



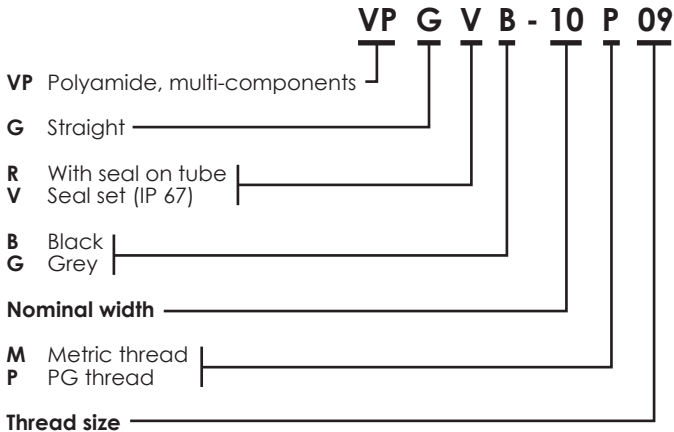
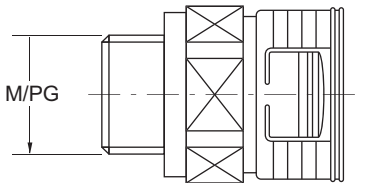
Class: TRAC for connectors supplied with one piece (no "U" clip) fittings: Ex: With UN threads. (Ex: SCPB06TRAC-28-12S(23U18). With PG Threads (ex: SCPB06TRAC-28-12S(36P36)).

- Standard connector, fittings and conduit are black. Standard contacts supplied with connectors are gold plated crimp style. Internal wire sealing grommet is included. Other options available, consult factory.
- Fittings may be purchased individually by using the part numbers listed (next page, left column).
- Conduit may be purchased by ordering the conduit P/N listed (next page, right column).
- Conduit available in "G" (course) and in some cases "F" (fine) profile.
- Meets IP67 standards.
- Halogen free, self extinguishing, non flame spreading.
- Items that have an asterisk (*), consult factory.

UN Fitting

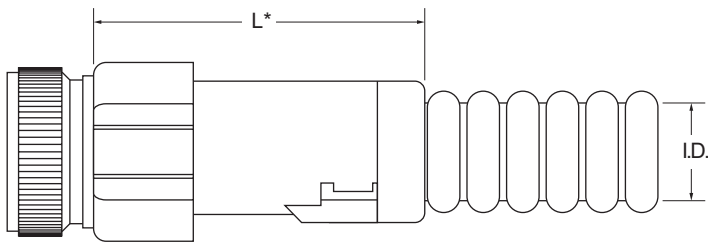


PG Fitting



PG & UNEF FITTINGS

FLEXIBLE CONDUIT - PLASTIC



Note: Dimension "L" is dependent on conduit size used with each shell size. Please consult our Customer Service Department.

- CLASS: PILAG*** Environmental, for PMA BVIRA fitting
- CLASS: PILB*** Environmental, for PMA BFILB fitting.
- CLASS: PILMG*** Environmental, for PMA BFILM fitting
- CLASS: PIVG*** Environmental, for PMA BVIVG fitting
- CLASS: PILJ*** Environmental, for PMA BFILJ fitting.

* For Mounting Hole Code See Table I of Applicable Receptacle

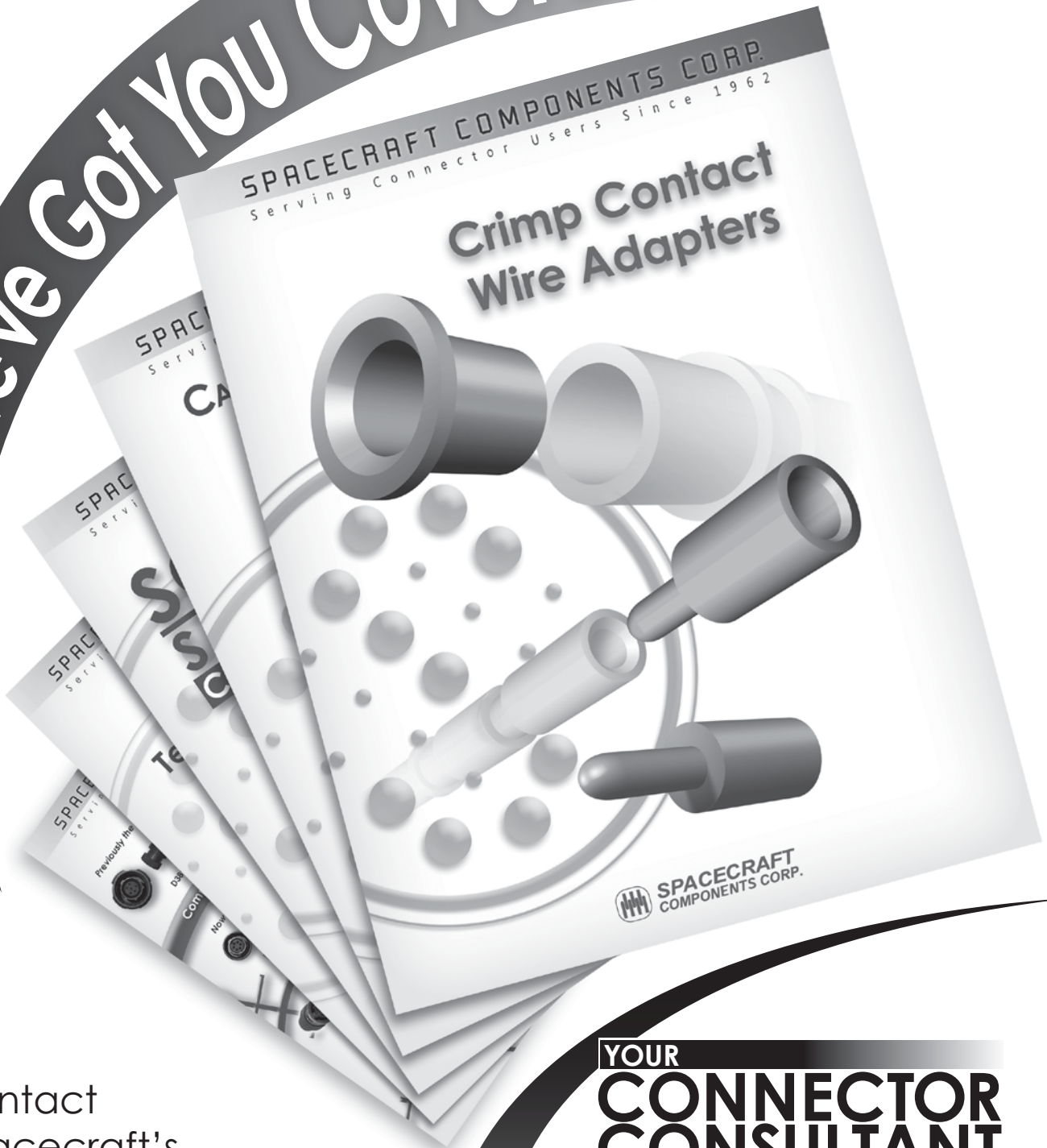
CLASS	SHELL SIZE	PMA FITTING	PART NUMBER SUFFIX	CONDUIT INNER DIA	L
PILAG	10SL	BVIRA-U152	(U152)	11.9	36.5
	14S	BVIRA-U182	(U182)	11.9	36.5
	14S	BVIRA-U187	(U187)	15.2	44.5
PILB	14/20	BFILB-U297	(U297)	15.2	38.0
	20 & 22	BFILB-U293	(U293)	22.0	38.0
PILMG	16S & 16	BFILM-U293	(U217)	15.2	33.0
	18	BFILM-U247	(U247)	15.2	35.0
	18	BFILM-U242	(U242)	12.0	35.0
	20 & 22	BFILM-U297	(U297)	15.2	35.0
PIVG	20 & 22	BVIVG-U293	(U353)	22.0	55.0
	24 & 28	BVIVG-U353	(U353)	22.0	52.0
	24 & 28	BVIVG-U356	(U356)	36.5	63.0
	24 & 28	BVIVG-U357	(U357)	15.2	46.5
	32	BVIVG-U436	(U436)	35.8	62.5
	32	BVIVG-U439	(U439)	27.7	51.5
	32	BVIVG-U433	(U433)	22.0	52.0
	36	BVIVG-U509	(U509)	27.7	55.0
	36	BVIVG-U503	(U503)	22.0	51.5
	40	BVIVG-U563	(U563)	22.0	51.0
	40	BVIVG-U566	(U566)	35.8	62.0
	40	BVIVG-U568	(U568)	46.7	64.0
	40	BVIVG-U569	(U569)	27.7	51.0
PILJ	40	BFILJ-U568	(U568)	46.7	65.0

DIMENSIONS ARE IN MILLIMETERS

Cross Reference, PMA to TRAC Series

Shell Size	Backshell Thread	PMA BV (IP68)	PMA BF (IP67)	TRAC Fitting VPIVB (IP67)	NW	Metric	PMA Conduit Heavy Duty High Flex	PMA Conduit Heavy Duty Flex	PMA Conduit Heavy Duty Flame	PMA Conduit High Flexible Flame	TRAC Transit Conduit Heavy Duty Flame	TRAC Transit Conduit High Flexible Flame
10SL	5/8-24UNEF	BVIRA-U15M	BFILA-U15M	VPIVB-07U05	1	10	PCST-07B	VCST-07B	VAMT-07B	VAMLT-07B	PARVB-07G	
		BVIRA-U150	BFILA-U150	VPIVB-10U05*	10	12	PCST-10B	VCST-10B	VAMT-10B	VAMLT-10B	PARVB-10F	PARFB-10F
		BVIRA-U152	BFILA-U152	VPIVB-12U05	12	16	PCST-12B	VCST-12B	VAMT-12B	VAMLT-12B	PARVB-12F	PARFB-12F
14S	3/4-20UNEF	BVIRA-U180	BFILA-U180	VPIVB-10U07*	10	12	PCST-10B	VCST-1GS	VAMG-10B	VAMLT-10B	PARVB-10F	PARFB-10F
		BVIRA-U182	BFILA-U182	VPIVB-12U07	12	16	PCST-12B	VCST-12B	VAMT-12B	VAMLT-12B	PARVB-12F	PARFB-12F
		BVIRA-U187	BFILA-U182	VPIVB-17U07	17	20	PCST-17B	VCST-17B	VAMG-17B	VAMLT-17B	PARVB-17F OR 17G	PARFB-17G
16S	7/8-20UNEF	BVIVG-U212	BFILM-U212	VPIVB-12U09	12	16	PCST-12B	VCST-12B	VAMT-12B	VAMLT-12B	PARVB-12F	PARFB-12F
		BVIVG-U217	BFILM-U217	VPIVB-17U09*	17	20	PCST/PCSG-17B	VCST/ VCSG-17B	VAMG-17B	VAMLT-17B	PARVB-17FOR 17G	PARFB-17G
16	7/8-20UNEF	BVIVG-U212	BFILM-U212	VPIVB-12U09	12	16	PCST-12B	VCST-12B	VAMT-12B	VAMLT-12B	PARVB-12F	PARFB-12F
		BVIVG-U217	BFILM-U217	VPIVB-17U09	17	20	PCST/PCSG-17B	VCST/ VCSG-17B	VAMG-17B	VAMLT-17B	PARVB-17F OR 17G	PARFB-17G
18	1-20UNEF	BVIVG-U242	BFILM-U242	VPIVB-12U11*	12	16	PCST-12B	VCST-12B	VAMT-12B	VAMLT-12B	PARVB-12F	PARFB-12F
		BVIVG-U247	BFILM-U247	VPIVB-17U11	17	20	PCST/PCSG-17B	VCST/ VCSG-17B	VAMG-17B	VAMLT-17B	PARVB-17F OR 17G	PARFB-17G
		BVIVG-U243		VPIVB-23U11*	23	25	PCSG-23B	VCSG-23B	VAMG-23B	VAMLT-23B	PARVB-23G	PARFB-23G
20	1 3/16-18UNEF	BVIVG-U292		VPIVB-12U14*	12	16	PCST-12B	VCST-12B	VAMT-12B	VAMLT-12B	PARVB-12F	PARFB-212F
		BVIVG-U297	BFILM-U297	VPIVB-17U14	17	20	PCST/PCSG-17B	VCST/ VCSG-17B	VAMG-17B	VAMLT-17B	PARVB-17FOR 17G	PARFB-17G
		BVIVG-U293	BFILB-U293	VPIVB-23U14*	23	25	PCSG-23B	VCSG-23B	VAMG-23B	VAMLT-23B	PARVB-23G	PARFB-23G
		BVIVG-U299	BFILB-U299	VPIVB-29U14*	29	29	PCSG-29B	VCSG-29B	VAMG-29B	VAMLT-29B	PARVB-29G	PARFB-29G
			BFILB-U296	VPIVB-36U14*	36	40	PCSG-36B	VCSG-36B	VAMG-36B	VAMLT-36B	PARVB-36B	PARFB-36G
				VPIVB-12U14*	12	16	PSCST-12B	VSCST-12B	VAMT-12B	VAMLT-12B	PARVB-12F	PARFB-12F
22	1 3/16-18UNEF	BVIVG-U297	BFILM-U297	VPIVB-17U14	17	20	PCST/ PCSG-17B	VCST/ VCSG-17B	VAMG-17B	VAMLT-17B	PARVB-17FOR 17G	PARFB-17G
		BVIVG-U293	BFILB-U293	VPIVB-23U14	23	25	PCSG-23B	VCSG-23B	VAMG-23B	VAMLT-23B	PARVB-23G	PARFB-23G
		BVIVG-U299	BFILB-U299	VPIVB-29U14*	29	29	PCSG-29B	VCSG-29B	VAMG-29B	VAMLT-29B	PARVB-29G	PARFB-29G
			BFILB-U296	VPIVB-36U14*	36	40	PSCG-3SB	VSCG-36B	VAMG-36B	VAMLT-36B	PARVB-36G	PARFB-36G
				VPIVB-12U18*	12	16	PCST-12B	VCST-12B	VAMT-12B	VAMLT-12B	PARVB-12F	PARFB-12F
24	1 7/16-18UNEF	BVIVG-U357	BFILB-U357	VPIVB-17U18*	17	20	PCST/ PCSG-17B	VCST/ VCSG-17B	VAMG-17B	VAMLT-17B	PARVB-17FOR 17G	PARFB-17G
		BVIVG-U353	BFILB-U353	VPIVB-23U18	23	25	PCSG-23B	VCSG-23B	VAMG-23B	VAMLT-23B	PARVB-23G	PARFB-23G
		BVIVG-U359	BFILB-U359	VPIVB-29U13*	29	32	PCSG-29B	VCSG-29B	VAMG-29B	VAMLT-29B	PARVB-29G	PARFB-29G
		BVIVG-U356G		VPIVB-36U18*	36	40	PCSG-36B	VCSG-36B	VAMG-36B	VAMLT-36B	PARVB-36G	PARFB-36G
				VPIVB-12U18*	12	16	PCSG-12B	VCST-12B	VAMT-12B	VAMLT-12B	PARVB-12F	PARFB-12F
28	17/16-18UNEF	BVIVG-U357	8FILB-U357	VPIVB-17U18*	17	20	PCST/PCSG-17B	VCST/ VCSG-17B	VAMG-17B	VAMLT-17B	PARVB-17F OR 17G	PARFB-17G
		BVIVG-U353	BFILB-U353	VPIVB-23U18	23	25	PCSG-23B	VCSG-23B	VAMG-23B	VAMLT-23B	PARVB-23G	PARFB-23G
		BVIVG-U359	BFILB-U359	VPIVB-29U18*	29	32	PCSG-29B	VCSG-29B	VAMG-29B	VAMLT-29B	PARVB-29G	PARFB-29G
		BVIVG-U356G		VPIVB-36U18*	36	40	PCSG-36B	VCSG-36B	VAMG-36B	VAMLT-35B	PARVB-36G	PARFB-36G
				VPIVB-17U20*	17	20	PCST/PCSG-17B	VCST/ VCSG-17B	VAMG-17B	VAMLT-17B	PARVB-17F OR 17G	PARFB-17G
32	1 3/4-18UNS	BVIVG-U433		VPIVB-23U20*	23	25	PCSG-23B	VCSG-23B	VAMG-23B	VAMLT-23B	PARVB-23G	PARFB-23G
		BVIVG-U439		VPIVB-29U20*	29	32	PCSG-29B	VCSG-29B	VAMG-29B	VAMLT-29B	PARVB-29G	PARFB-29G
		BVIVG-U436		VPIVB-36U20*	36	40	PCSG-36B	VCSG-36B	VAMG-36B	VAMLT-36B	PARVB-36G	PARFB-36G
				VPIVB-23U24*	23	25	PCSG-23B	VCSG-23B	VAMG-23B	VAMLT-23B	PARVB-23G	PARFB-23G
36	2-18UNS	BVIVG-U509		VPIVB-29U24	29	32	PCSG-29B	VCSG-29B	VAMG-29B	VAMLT-29B	PARVB-29G	PARFB-29G
		BVIVG-U506		VPIVB-36U24*	36	40	PCSG-36B	VCSG-36B	VAMG-36B	VAMLT-36B	PARVB-36G	PARFB-36G
		BVIVG-U508		VPIVB-48U24*	48	50	PCSG-48B	VCSG-48B	VAMG-43B	VAMLT-48B	PARVB-48G	PARFB-48G
				VPIVB-23U25*	23	25	PCSG-23B	VCSG-23B	VAMG-23B	VAMLT-23B	PARVB-23G	PARFB-23G
40	2 1/4-16UN	BVIVG-U563		VPIVB-23U25*	23	25	PCSG-23B	VCSG-23B	VAMG-23B	VAMLT-23B	PARVB-23G	PARFB-23G
		BVIVG-U569		VPIVB-29U25*	29	32	PCSG-29B	VCSG-29B	VAMG-29B	VAMLT-29B	PARVB-29G	PARFB-29G
		BVIVG-U566		VPIVB-36U25*	36	40	PCSG-36B	VCSG-36B	VAMG-36B	VAMLT-36B	PARVB-36G	PARFB-36G
		BVIVG-U568		VPIVB-48U25*	48	50	PCSG-48B	VCSG-48B	VAMG-48B	VAMLT-48B	PARVB-48G	PARFB-48G

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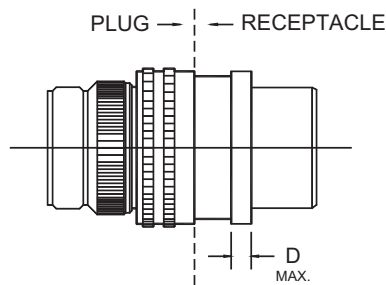
SECTION 6C ACCESSORIES AND RECEPTACLE MOUNTING DATA

6C

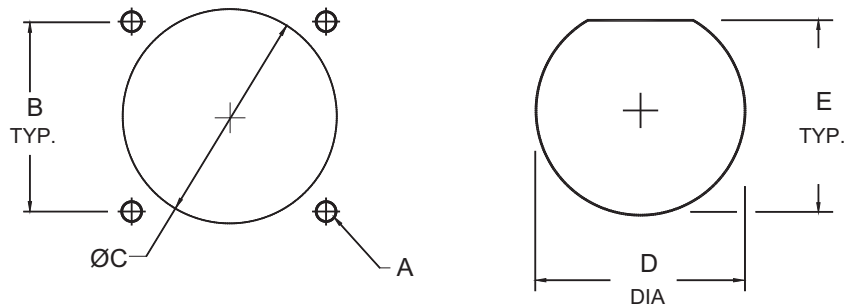
MOUNTING DATA FOR RECEPTACLES

MAXIMUM PANEL THICKNESS

MAXIMUM PANEL THICKNESS



PANEL CUT-OUT DIMENSIONS



SHELL SIZE	D		
	00,02 020,26	03 030,038	TB SERIES
10SL	.146 [3.70]	.283 [7.20]	.393 [10.0]
14S	.146 [3.70]	.283 [7.20]	.378 [9.60]
16S	.146 [3.70]	.283 [7.20]	.378 [9.60]
16	.146 [3.70]	.295 [7.50]	.543 [13.8]
18	.146 [3.70]	.295 [7.50]	.512 [13.0]
20	.146 [3.70]	.295 [7.50]	.512 [13.0]
22	.146 [3.70]	.295 [7.50]	.512 [13.0]
24	.207 [5.25]	.295 [7.50]	.449 [11.4]
28	.207 [5.25]	.323 [8.20]	.488 [12.4]
32	.241 [6.10]	.295 [7.50]	.354 [9.0]
36	.241 [6.10]	.295 [7.50]	.354 [9.0]
40	.237 [6.00]	.295 [7.50]	.354 [9.0]

DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

SHELL SIZE	A	B ±.004	C DIAMETER		D	E
	00,02,020 03,030	00,02,020 03,030	FRONT MOUNT 00,02,020	REAR MOUNT 03,030	JAM NUT 07,070	JAM NUT 07,070
10SL	.126	.717	.6875	.750	.875	.83
14S	.126	.906	.8125	1.000	1.125	1.08
16S/16	.126	.969	.9375	1.125	1.250	1.21
18	.126	1.063	1.0625	1.250	1.375	1.32
20	.126	1.157	1.1875	1.375	1.500	1.45
22	.126	1.252	1.3125	1.500	1.625	1.57
24	.146	1.374	1.4375	1.625	1.750	1.70
28	.146	1.563	1.6875	1.875	2.000	1.95
32	.169	1.752	1.9375	2.125	2.250	2.20
36	.169	1.937	2.125	2.375	2.500	2.45
40	.169	2.185	2.375	2.625	2.750	2.70

GROMMET HOLE SEALING RANGE

HOLE SIZE	SEALING RANGE
18-20	.039-.082 (1.0-2.1)
16	.090-.118 (2.3-3.0)
12	.126-.177 (3.2-4.5)
8	.150-.256 (3.8-6.5)
4	.279-.366 (7.1-9.3)
0	.394-.539 (10.0-13.7)

RECOMMENDED TORQUE FORCES CONNECTOR BACKSHELLS

SIZE	IN./LB MAX.	SIZE	IN./LB MAX.
10SL	26	22	85
14S	44	24	90
16	50	28	114
16S	50	32	120
18	55	36	153
20	65	40	170

MS3057-*A CABLE CLAMP

FOR ALL SERIES HAVING A THREADED BACKSHELL

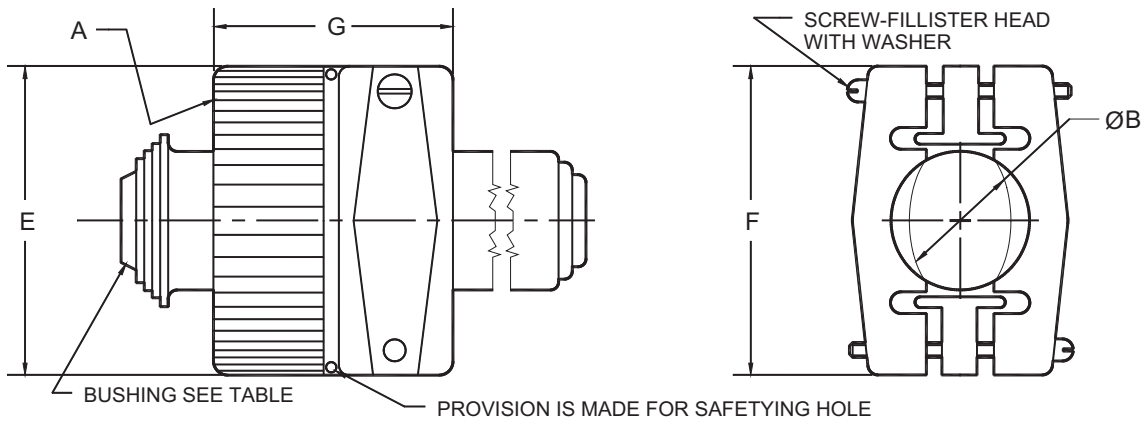
MS3057 - 20A C

MIL SPEC ———
DASH NUMBER ———
See Dimension Table below.

FINISH/MATERIAL

MS3057	FINISH	MATERIAL
Blank	Cadmium, olive drab 48 hr. salt spray	Aluminum alloy
A	Cadmium, olive drab over suitable underplate, 1000 hr. salt spray	
C	Cadmium, olive drab, 48 hr salt spray	
N	Electroless nickel	

Note: Bushing can be "telescoped" to achieve a smaller sealing diameter.



DASH NO.	CONNECTOR SHELL SIZE (REF)	A THREAD CLASS 2B	B MAX	ØE ±.031 [±0.79]	F ±.031 [±0.79]	G ±.031 [±0.79]	BUSHING (REF) (a)
-3A	8S & 10S	.500-28 UNEF	.250 [6.35]	.688 [17.48]	.812 [20.62]	.812 [20.62]	MS3420-3
-4A	10SL, 12S & 12	.625-24 UNEF	.312 [7.92]	.812 [20.62]	.875 [22.22]		MS3420-4
-6A	14S & 14	.750-20 UNEF	.438 [11.13]	.969 [24.61]	1.062 [26.97]	.875 [22.22]	MS3420-6
-8A	16S & 16	.875-20 UNEF	.562 [14.27]	1.094 [27.79]	1.156 [29.36]	.938 [23.83]	MS3420-8
-10A	18	1.000-20 UNEF	.625 [15.87]	1.188 [30.18]	1.250 [31.75]		MS3420-10
-12A	20 & 22	1.188-20 UNEF	.750 [19.05]	1.375 [34.92]	1.469 [37.31]		MS3420-12
-16A	24 & 28	1.438-18 UNEF	.938 [23.83]	1.656 [42.06]	1.688 [42.88]	1.031 [26.19]	MS3420-16
-20A	32	1.750-18 UNS	1.250 [31.75]	2.031 [51.59]	2.031 [51.59]	1.094 [27.79]	MS3420-20
-24A	36	2.000-18 UNS	1.375 [34.92]	2.219 [56.36]	2.281 [57.94]	1.156 [29.36]	MS3420-24
-28A	40	2.250-16 UN	1.625 [41.27]	2.500 [63.50]	2.688 [68.28]	1.688 [42.88]	MS3420-28
-32A	44	2.500-16 UN	1.875 [47.62]	2.781 [70.64]	2.938 [74.63]	1.750 [44.45]	MS3420-32
-40A	48	3.000-16 UN	2.375 [60.32]	3.281 [83.34]	3.500 [88.90]		MS3420-40

1. (a) TELESOPING BUSHINGS ARE NOT SUPPLIED WITH CLAMPS.
2. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

MS3420

TELESCOPING RUBBER BUSHING

MS3420 - 16

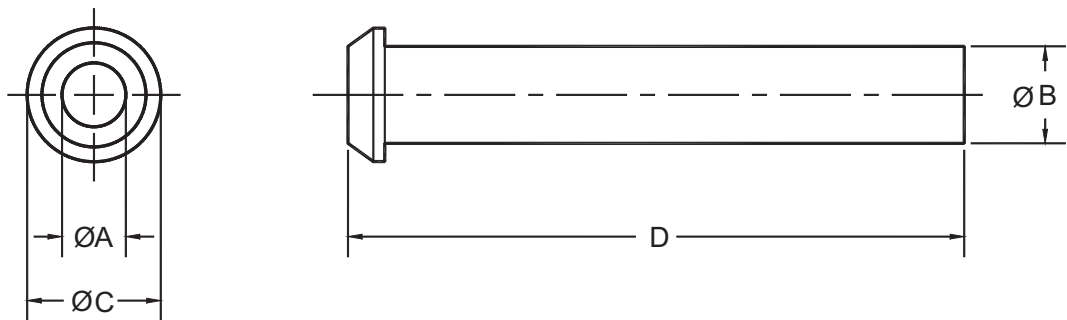
MIL SPEC

Standard material & color is
black neoprene.

DASH NUMBER

See Dimension Table below.

FOR USE WITH MS3057*A CABLE CLAMPS



DASH NO.	ØA	ØB	ØC	D	MS3420-* SUPERSEDES	
					AN3420	MS39056
-3	.130 [3.30]	.210 [5.33]	.379 [9.63]	2.875 [73.02]	-3	-1
-4	.220 [5.59]	.302 [7.67]	.505 [12.83]	2.750 [69.85]	-4	-2
-6	.312 [7.92]	.427 [10.85]	.619 [15.72]	2.625 [66.67]	-6	-3
-8	.437 [11.10]	.552 [14.02]	.744 [18.90]	2.500 [63.50]	-8	-4
-10	.562 [14.27]	.615 [15.62]	.869 [22.07]	2.375 [60.32]	-10	-5
-12	.625 [15.87]	.740 [18.80]	1.064 [27.03]	2.250 [57.15]	-12	-6
-16	.750 [19.05]	.927 [23.55]	1.314 [33.38]	2.125 [53.97]	-16	-7
-20	.937 [23.80]	1.240 [31.50]	1.596 [40.54]	2.000 [50.80]	-20	-8
-24	1.250 [31.75]	1.365 [34.67]	1.847 [46.91]	1.875 [47.62]	-24	-9
-28	1.375 [34.92]	1.614 [41.00]	2.085 [52.96]	1.750 [44.45]	-28	-10
-32	1.624 [41.25]	1.864 [47.35]	2.335 [59.31]	1.625 [41.27]	-32	-11
-40	1.874 [47.60]	2.364 [60.05]	2.835 [72.01]	1.500 [38.10]	-40	-12

DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

MS3057 - 20C

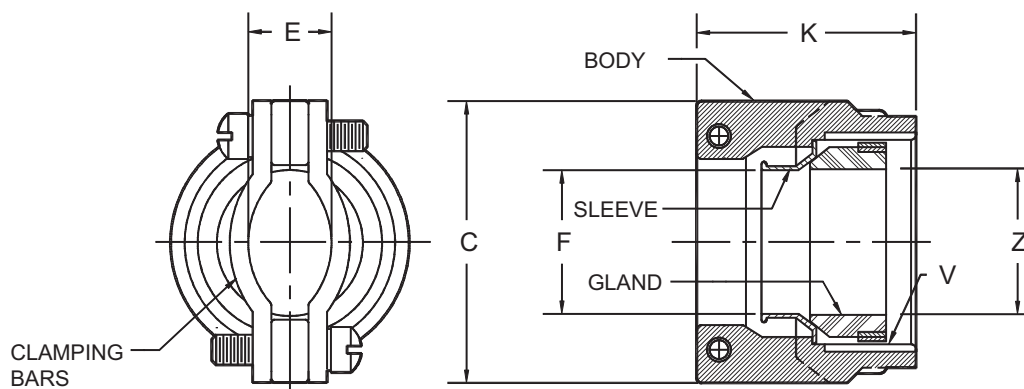
MIL SPEC — DASH NUMBER

See Dimension Table below.

MATERIAL: ALUMINUM ALLOY

FINISH: CADMIUM, OLIVE DRAB, 48 HR SALT SPRAY

Note: Bushing can be "telescoped" to achieve a smaller sealing diameter.



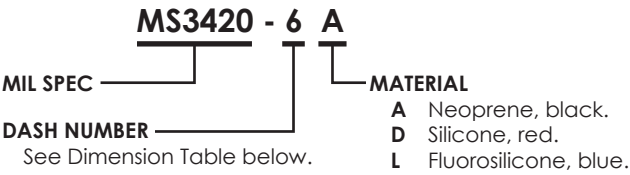
DASH NO.	CONNECTOR SHELL SIZE (REF)	C MAX	E MAX CLOSED	F +.020 -.000 [+.051 [-0.00]	K MAX	V THREAD CLASS 2B	ØZ APPROX. (GLAND)		BUSHING (REF) (a)
							FREE	CLOSED	
-3C	8S & 10S	.812 [20.62]	.217 [5.51]	.231 [5.87]	1.375 [34.92]	.500-28 UNEF	.219 [5.56]	.031 [0.79]	MS3420-3A
-4C	10SL, 12S & 12	.937 [23.80]	.296 [7.52]	.315 [8.00]	1.375 [34.92]	.625-24 UNEF	.312 [7.92]	.094 [2.39]	MS3420-4A
-6C	14S & 14	1.062 [26.97]	.390 [9.91]	.440 [11.18]	1.375 [34.92]	.750-20 UNEF	.438 [11.13]	.250 [6.35]	MS3420-6A
-8C	16S & 16	1.188 [30.18]	.434 [11.02]	.515 [13.08]	1.375 [34.92]	.875-20 UNEF	.531 [13.49]	.312 [7.92]	MS3420-8A
-10C	18	1.312 [33.32]		.614 [15.60]	1.437 [36.50]	1.000-20 UNEF	.625 [15.87]	.375 [9.52]	MS3420-10A
-12C	20 & 22	1.562 [39.67]	.596 [15.14]	.738 [18.75]	1.437 [36.50]	1.188-20 UNEF	.750 [19.05]	.500 [12.70]	MS3420-12A
-16C	24 & 28	1.750 [44.45]		.926 [23.52]	1.562 [39.67]	1.438-18 UNEF	.938 [23.83]	.594 [15.09]	MS3420-16A
-20C	32	2.250 [57.15]	.858 [21.79]	1.200 [30.48]	1.812 [46.02]	1.750-18 UNS	1.250 [31.75]	.938 [23.83]	MS3420-20A
-24C	36	2.375 [60.32]		1.363 [34.62]	1.812 [46.02]	2.000-18 UNS	1.375 [34.92]	.969 [24.61]	MS3420-24A
-28C	40	2.625 [66.67]	1.107 [28.12]	1.611 [40.92]	2.062 [52.37]	2.250-16 UN	1.625 [41.27]	1.188 [30.18]	MS3420-28A
-32C	44	2.812 [71.42]	1.421 [36.09]	1.865 [47.37]	2.188 [55.58]	2.500-16 UN	1.875 [47.62]	1.375 [34.92]	MS3420-32A

1. (a) TELESOPING BUSHINGS ARE NOT SUPPLIED WITH CLAMPS.

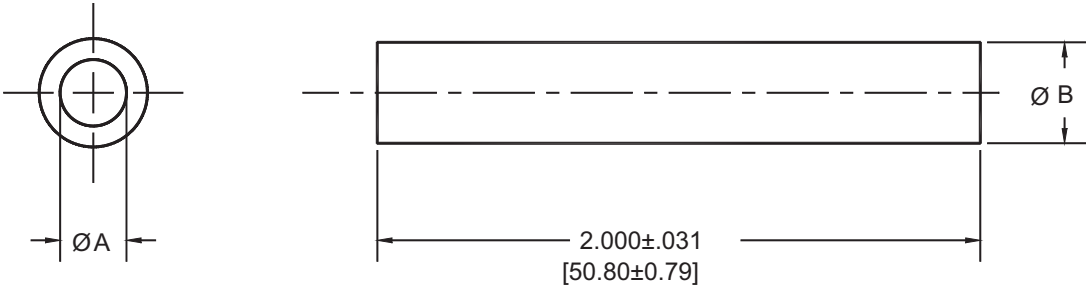
2. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

MS3420-*A

TELESCOPING RUBBER BUSHING



For use with MS3057*C Cable Clamps

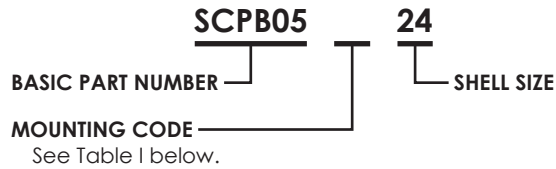


DASH NO.	ØA	ØB	MS3420-*A SUPERSEDES	
			AN3420	MS39057
-3	.125 [3.17]	.210 [5.33]	-3A	-1
-4	.219 [5.56]	.302 [7.67]	-4A	-2
-6	.312 [7.92]	.427 [10.85]	-6A	-3
-8	.438 [11.13]	.531 [13.49]	-8A	-4
-10	.438 [11.13]	.615 [15.62]	-10A	-5
-12	.541 [13.74]	.740 [18.80]	-12A	-6
-16	.750 [19.05]	.927 [23.55]	-16A	-7
-18	.938 [23.83]	1.115 [28.32]	-18A	-8
-20	.938 [23.83]	1.240 [31.50]	-20A	-9
-24	1.125 [28.57]	1.365 [34.67]	-24A	-10
-28	1.250 [31.75]	1.614 [41.00]	-28A	-11
-32	1.625 [41.27]	1.865 [47.37]	-32A	-12
-40	1.875 [47.62]	2.365 [60.07]	-40A	-13

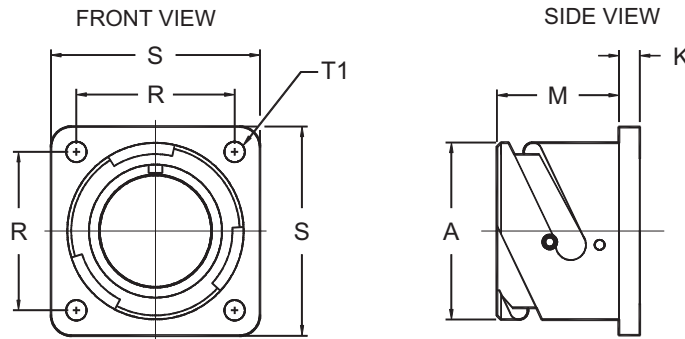
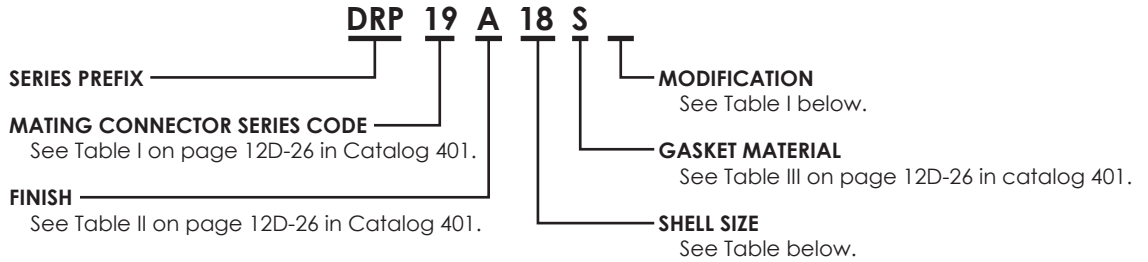
DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

DRP19 SCPB05

DUMMY RECEPTACLE



MATERIAL: Aluminum alloy
FINISH: Cadmium olive drab, 48 hr. salt spray



ENVIRONMENTAL WHEN USED WITH A FLANGE SEALING GASKET SCP36675 OR SCP40450

MOUNTING HOLE OPTIONS
 See Table I.

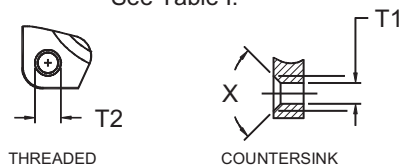


TABLE I. MOUNTING HOLE CODES

CODE	MOUNTING HOLES TYPE
NONE	THRU HOLES - STANDARD
FF	METRIC THREAD
UN	UNC THREAD
FS	METRIC COUNTERSINK (X=90°)
FSM	UN COUNTERSINK (X=82°)

SHELL SIZE	FRONT VIEW					SIDE VIEW		
	R	S	T1	T2 THREAD		A	K	M
	±0.1	±0.3	+0.1 -0.0	METRIC	UNC	+0.00 -0.15	±0.2	+0.4 -0.0
10SL	18.2	25.4	3.2	M4	8-32UNC	18.2	2.8	14.2
14S	23.0	30.0	3.2	M4	8-32UNC	24.6	3.2	14.2
16S	24.6	32.5	3.2	M4	8-32UNC	27.4	3.2	14.2
16	24.6	32.5	3.2	M4	8-32UNC	27.4	3.2	19.0
18	27.0	35.0	3.2	M4	8-32UNC	30.8	4.0	19.0
20	29.4	38.0	3.2	M4	8-32UNC	34.2	4.0	19.0
22	31.8	41.0	3.2	M4	8-32UNC	37.4	4.0	19.0
24	34.9	44.5	3.7	M4	10-24UNC	40.9	4.0	20.6
28	39.7	50.8	3.7	M5	10-24UNC	46.7	4.0	20.6
32	44.5	57.0	4.3	M5	1/4-20UNC	53.4	4.0	22.2
36	49.2	63.5	4.3	M5	1/4-20UNC	59.6	4.0	22.2
40	55.5	69.8	4.3	M5	1/4-20UNC	65.5	4.0	22.2

DIMENSIONS ARE IN MM.

DCP19 SCPB*TV

DUST CAP FOR PLUG

DCP 19 A 16 S C 08 - 04

DUST CAP STYLE
DCP Dust cap for plug.
DCR Dust cap for receptacle.

MATING CONNECTOR SERIES CODE
See Table I on page 13D-36 in Catalog 401.

FINISH
See Table II on page 13D-36 in Catalog 401.

SHELL SIZE
See Table below.

END FITTING DESIGNATION
See Tables V & VI on page 13D-37 in Catalog 401.

LENGTH OF ATTACHMENT (±.250)
Designate in 1/2" increments.
(Always use two digits. i.e., 08=4 inches,
12=6 inches, etc.)

ATTACHMENT CODE
See Table IV on page 13D-37 in Catalog 401.

GASKET MATERIAL
See Table III on page 13D-36 in Catalog 401.

SCPB 24 TV

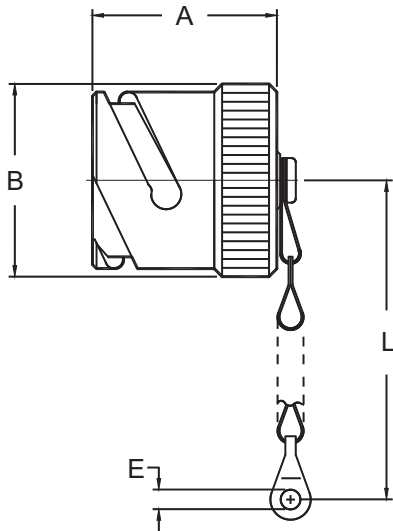
SERIES PREFIX

SHELL SIZE
10SL, 12S, 14S, 16, 16S,
18, 20, 22, 24, 32, 36, 40.

CONFIGURATION
TV Dust cap for plug.

MATERIAL: Cap - Aluminum alloy
Chain - Stainless steel

FINISH: Cadmium, olive drab

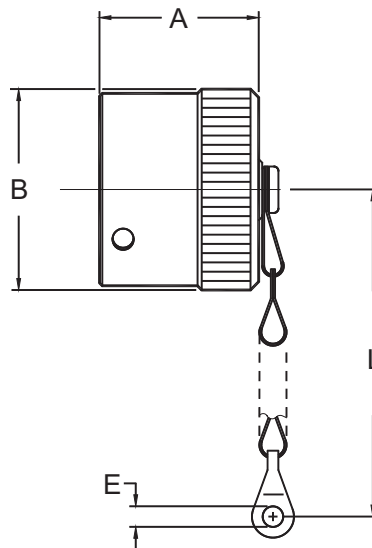
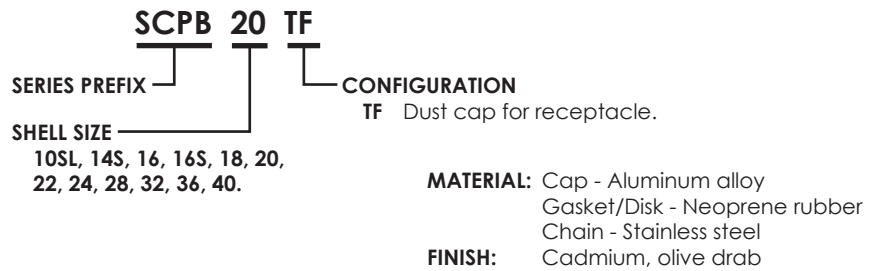
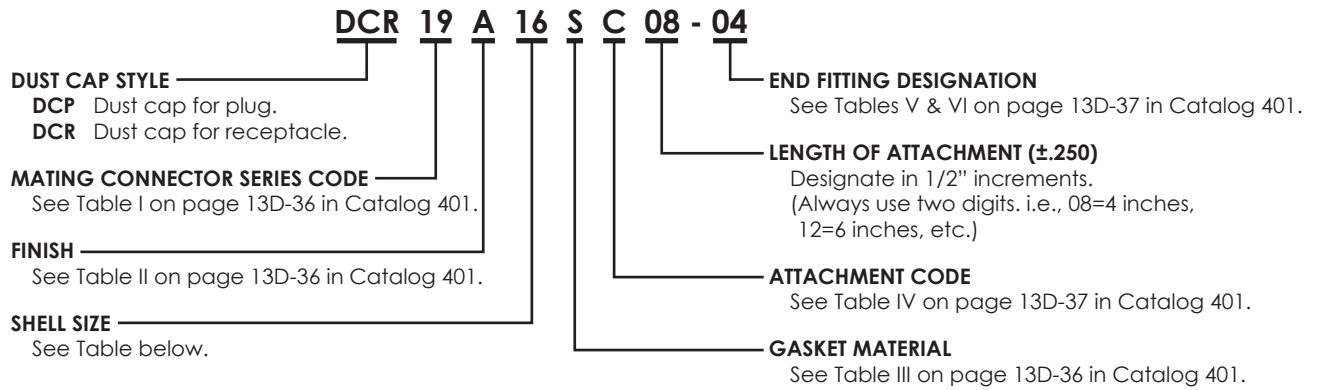


SHELL SIZE	FOR PLUGS SCPB(G) 06, 08, 064, 065				
	PART NUMBER	A MAX.	B MAX.	E +0.5 -0.25	L APPX.
10SL	SCPB10SLTV	29	21	4.4	108
12S	SCPB14STV	29	27.5	4.4	123
14S	SCPB16STV	29	30	4.4	123
16	SCPB16TV	37	30	4.4	123
16S	SCPB18TV	37	33.5	4.4	123
18	SCPB20TV	37	37	4.8	138
20	SCPB22TV	37	40	4.8	138
22	SCPB24TV	37	43.5	4.8	138
24	SCPB28TV	37	49.5	4.8	206
32	SCPB32TV	37	56	5.6	206
36	SCPB36TV	37	62.5	5.6	206
40	SCPB40TV	37	67.7	5.6	206

DIMENSIONS ARE IN MM.

SCPB*TF DCR19

DUST CAP FOR RECEPTACLE

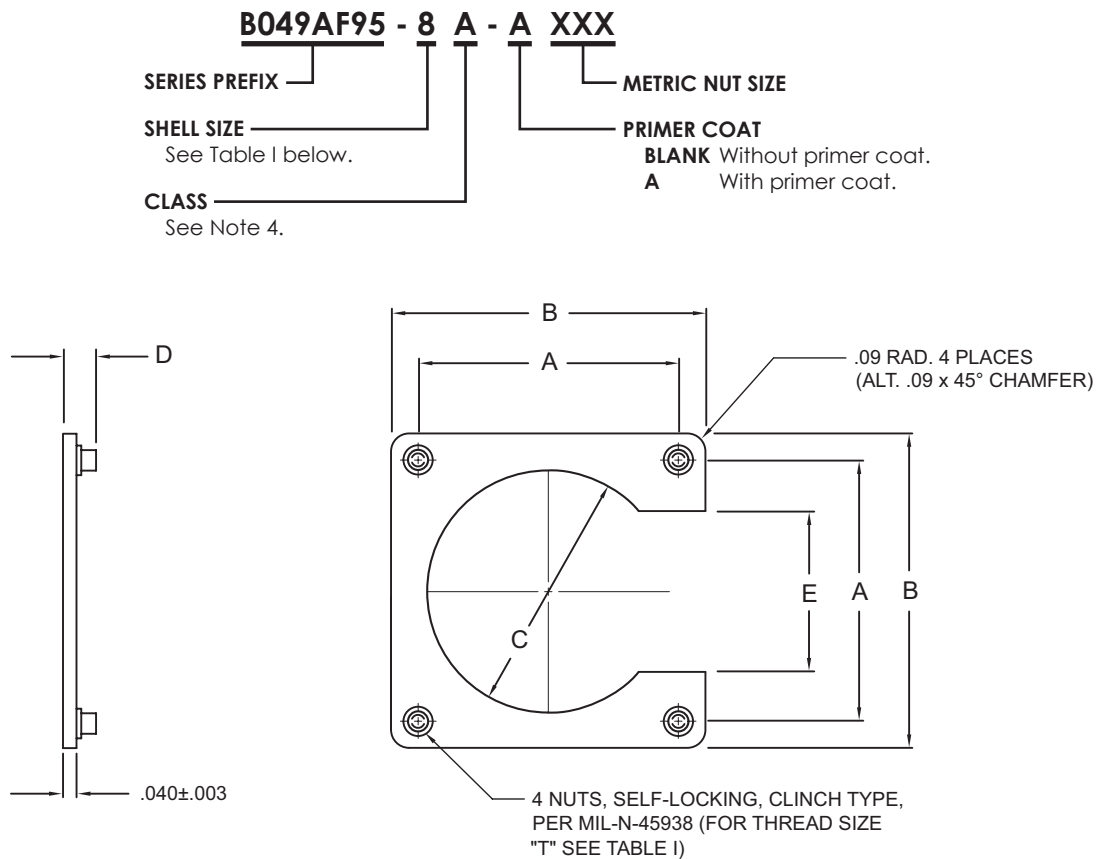


SHELL SIZE	PART NUMBER	A MAX.	B MAX.	E +0.5 -0.25	L APPROX.
10SL	SCPB10SLTF	20.0	23.5	4.4	108
14S	SCPB14STF	20.0	30.5	4.4	108
16	SCPB16STF	20.0	33	4.4	108
16S	SCPB16TF	25.0	33	4.4	123
18	SCPB18TF	25.0	37.5	4.4	123
20	SCPB20TF	25.0	41	4.4	123
22	SCPB22TF	25.0	44	4.4	123
24	SCPB24TF	25.0	47.5	4.4	123
28	SCPB28TF	25.0	54.5	5.6	206
32	SCPB32TF	25.0	61	5.6	206
36	SCPB36TF	25.0	67.5	5.6	206
40	SCPB40TF	25.0	73	5.6	206

DIMENSIONS ARE IN MM.

B049AF95

3/4 MOUNT, TYPE II (MEDIUM DUTY) NUT PLATE



Notes:

1. Dimensions are in inches
2. Unless otherwise specified.
3. Classes represent shell size variances (see Table I).

TABLE I

PART NUMBER B049AF95	CLASS	SHELL SIZE	T THRD UNC-3B	A ± .003	B ± .015	C + .015 - .000	D	E + .002 - .030
10	A	10	4-40	.719	1.019	.720	.106/.166	.433
	B		6-32	.812	1.178	.749	.123/.183	.433
12	A	12	4-40	.812	1.104	.855	.106/.166	.530
	B		6-32	.938	1.312	.938	.123/.183	.526
14	A	14	4-40	.906	1.198	.984	.106/.166	.624
	B		6-32	1.031	1.406	1.031	.123/.183	.620
16	A	16	4-40	.969	1.280	1.094	.106/.166	.687
	B		6-32	1.125	1.500	1.125	.123/.183	.683
18	A	18	4-40	1.062	1.406	1.220	.106/.166	.780
	B		6-32	1.203	1.578	1.234	.123/.183	.776
20	A	20	4-40	1.156	1.535	1.345	.106/.166	.874
	B		6-32	1.297	1.688	1.359	.123/.183	.865
22	A	22	4-40	1.250	1.665	1.478	.106/.166	.968
	B		6-32	1.375	1.738	1.483	.123/.183	.907
24	A	24	6-32	1.500	1.891	1.560	.123/.183	1.000
	B		6-32	1.375	1.785	1.595	.123/.183	1.031
28	A	28	6-32	1.562	2.000	1.820	.123/.183	1.125
32	A	32	6-32	1.750	2.312	2.062	.123/.183	1.188
36	A	36	6-32	1.938	2.500	2.312	.123/.183	1.375



B049AF95 METRIC NUT PLATE

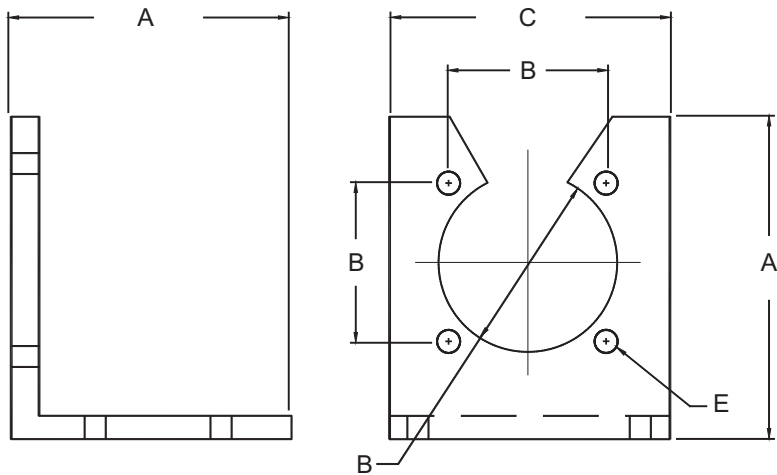
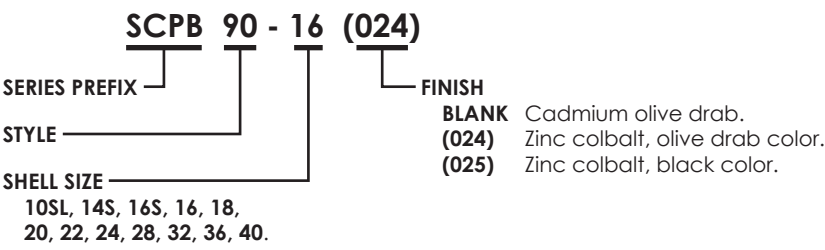
3/4 MOUNT, TYPE II (MEDIUM DUTY) NUT PLATE

PART NUMBER	SHELL SIZE	T THREAD	A ± .08	B ±.4	C +.038 -.00	D	E ±.5
B049AF95-10SLA-A-M2.5	10SL	M2.5 x 0.45	18.26	25.88	17.47	2.6/4.2	11.00
B049AF95-10SLA-A-M3	10SL	M3 x 0.5	18.26	25.88	17.47	2.7/4.2	11.00
B049AF95-14SA-A-M2.5	14S	M2.5 x 0.45	23.01	30.28	24.20	2.6/4.2	15.75
B049AF95-14SA-A-M3	14S	M3 x 0.5	23.01	30.28	24.20	2.7/4.2	15.75
B049AF95-16SA-A-M2.5	16S	M2.5 x 0.45	24.61	31.87	27.78	2.6/4.2	17.34
B049AF95-16SA-A-M3	16S	M3 x 0.5	24.61	31.87	27.78	2.7/4.2	17.34
B049AF95-16SA-A-M2.5	16S	M2.5 x 0.45	24.61	31.87	27.78	2.6/4.2	17.34
B049AF95-16-A-A-M3	16	M3 x 0.5	24.61	31.87	27.78	2.7/4.2	17.34
B049AF95-18A-A-M2.5	18	M2.5 x 0.45	26.97	34.24	30.10	2.6/4.2	19.71
B049AF95-18A-A-M3	18	M3 x 0.5	26.97	34.24	30.10	2.7/4.2	19.71
B049AF95-20A-A-M2.5	20	M2.5 x 0.45	29.36	38.10	33.15	2.6/4.2	21.97
B049AF95-20A-A-M3	20	M3 x 0.5	29.36	38.10	33.15	2.7/4.2	21.97
B049AF95-22A-A-M2.5	22	M2.5 x 0.45	31.75	40.46	36.27	2.6/4.2	23.04
B049AF95-22A-AM3	22	M3 x 0.5	31.75	40.46	36.27	2.7/4.2	23.04
B049AF95-24A-A-M3.5	24	M3 x 0.5	34.93	44.45	39.62	2.7/4.2	25.40
B049AF95-28A-A-M3	28	M3 x 0.5	39.67	50.80	46.23	2.7/4.2	28.58
B049AF95-28A-A-M4	28	M4 x 0.7	39.67	50.80	46.23	3.5/5.0	28.58
B049AF95-32A-A-M4	32	M4 x 0.7	44.45	58.73	52.37	3.5/5.0	30.18
B049AF95-36A-A-M4	36	M4 x 0.7	49.23	63.50	58.72	3.5/5.0	34.93
B049AF95-40A-A-M3.5	40	M3 x 0.5	55.58	74.30	67.95	2.7/4.2	38.10
B049AF95-40A-A-M4	40	M4 x 0.7	55.58	74.30	67.95	3.5/5.0	38.10

NOTE: All dimensions are in millimeters and symetrical about centerline

RIGHT ANGLE MOUNTING BRACKET

SCPB90 SERIES



SHELL SIZE	A ±0.25	B ±0.1	C ±0.1	D +0.1	E +0.15
10SL	38.10	18.21	38.10	17.45	3.20
14S	47.63	23.01	38.10	23.80	3.20
16S	47.63	24.61	38.10	26.21	3.20
16	47.63	24.61	38.10	26.21	3.20
18	53.97	26.97	50.80	29.46	3.20
20	57.15	29.41	50.80	33.30	3.20
22	57.15	31.80	50.80	36.50	3.20
24	60.33	34.90	50.80	40.31	3.86
28	66.68	39.70	63.50	47.62	3.86
32	69.85	44.50	63.50	52.37	4.45
36	76.20	49.20	76.20	60.32	4.45
40	82.55	55.60	76.20	65.50	4.45

DIMENSIONS ARE IN MM.

SCP40450, SCP40460

GASKETS FOR FLANGE MOUNT RECEPTACLES

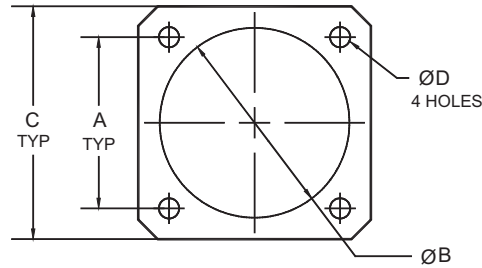
SCP40450 - 20 H

PART NUMBER _____

SHELL SIZE _____

MATERIAL _____

BLANK Neoprene 80 shore.
F Silicone.
FS Silicone with shielded wire mesh.
H Halogen-free.
S Shielded, wire mesh.



MIL-DTL-5015 REVERSE BAYONET SHELL TYPES SCP800* SCP802* SCP8020* SCP8TBF* FRONT MOUNT	MIL-DTL-5015 REVERSE BAYONET SHELL TYPES SCP803* SCP8030* REAR MOUNT	PART NUMBER (0°F TO +257°F) NOTE 2	A ±.010	B +.016 -.000	C +.016 -.000	D ±.010
10SL	-	SCP40450-10	.719 [18.26]	.626 [15.90]	1.000 [25.40]	.172 [4.37]
-	10SL	SCP40460-10	.719 [18.26]	.717 [18.21]	1.000 [25.40]	.165 [4.20]
12S	-	SCP40450-12	.813 [20.65]	.750 [19.05]	1.094 [27.79]	.172 [4.37]
-	12,12S	SCP40460-12	.813 [20.65]	.843 [21.40]	1.094 [27.79]	.165 [4.20]
14S	-	SCP40450-14	.906 [23.01]	.875 [22.23]	1.188 [30.18]	.172 [4.37]
-	14,14S	SCP40460-14	.906 [23.01]	.968 [24.60]	1.188 [30.18]	.165 [4.20]
16, 16S	-	SCP40450-16	.989 [25.12]	1.000 [25.40]	1.281 [32.54]	.172 [4.37]
-	16,16S	SCP40460-16	.989 [25.12]	1.081 [27.40]	1.281 [32.54]	.165 [4.20]
18	-	SCP40450-18	1.083 [27.51]	1.125 [28.58]	1.375 [34.93]	.203 [5.16]
-	18	SCP40460-18	1.083 [27.51]	1.213 [30.80]	1.375 [34.93]	.165 [4.20]
20	-	SCP40450-20	1.156 [29.36]	1.250 [31.75]	1.500 [38.10]	.203 [5.16]
-	20	SCP40460-20	1.156 [29.36]	1.345 [34.20]	1.500 [38.10]	.165 [4.20]
22	-	SCP40450-22	1.250 [31.75]	1.375 [34.93]	1.625 [41.28]	.203 [5.16]
-	22	SCP40460-22	1.250 [31.75]	1.472 [37.40]	1.625 [41.28]	.165 [4.20]
24	-	SCP40450-24	1.375 [34.93]	1.500 [38.10]	1.750 [44.45]	.203 [5.16]
-	24	SCP40460-24	1.375 [34.93]	1.610 [40.9]	1.750 [44.45]	.165 [4.20]
28	-	SCP40450-28	1.563 [39.70]	1.750 [44.45]	2.000 [50.80]	.203 [5.16]
-	28	SCP40460-28	1.563 [39.70]	1.840 [46.7]	2.000 [50.80]	.201 [5.11]
32	-	SCP40450-32	1.750 [44.45]	2.000 [50.80]	2.250 [57.15]	.219 [5.56]
-	32	SCP40460-32	1.750 [44.45]	2.102 [53.4]	2.250 [57.15]	.201 [5.11]
36	-	SCP40450-36	1.938 [49.23]	2.188 [55.58]	2.500 [63.50]	.219 [5.56]
-	36	SCP40460-36	1.938 [49.23]	2.345 [59.6]	2.500 [63.50]	.201 [5.11]
40	-	SCP40450-40	2.188 [55.58]	2.438 [61.93]	2.750 [69.85]	.219 [5.56]
-	40	SCP40460-40	2.188 [55.58]	2.580 [65.5]	2.750 [69.85]	.201 [5.11]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.
2. FOR SHIELDING ADD "S" AFTER THE PART NUMBER.
3. FOR SILICONE MATERIAL ADD "FS" AFTER PART NUMBER

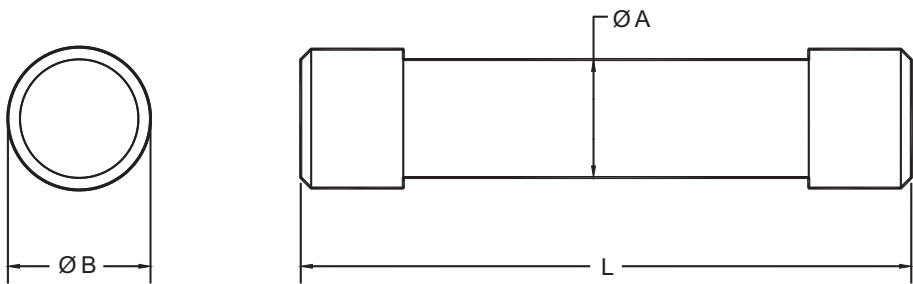
MS25251

SEALING PLUG

MS25251 - 8

MIL SPEC DASH NUMBER

See Dimension Table below.



DASH NO.	MAT'L	WIRE SIZE	COLOR	ØA MAX.	ØB MAX.	L MAX.	SUPERSEDED BY REV. L
-8	NYLON	8	WHITE	.200 [5.08]	.235 [5.97]	.479 [12.17]	MS27488-8
-12	NYLON	12	YELLOW	.150 [3.81]	.187 [4.75]	.479 [12.17]	MS27488-12
-16	NYLON	16	BLUE	.115 [2.92]	.152 [3.86]	.479 [12.17]	MS27488-16
-20	NYLON	20	RED	.095 [2.41]	.122 [3.10]	.385 [9.78]	MS27488-20

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

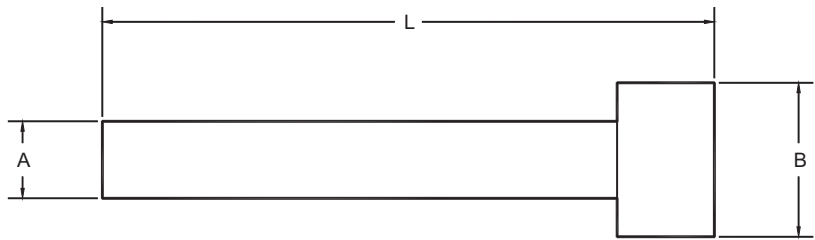
MS27488 REV L

SEALING PLUG

MS27488 - 4

MIL SPEC DASH NUMBER

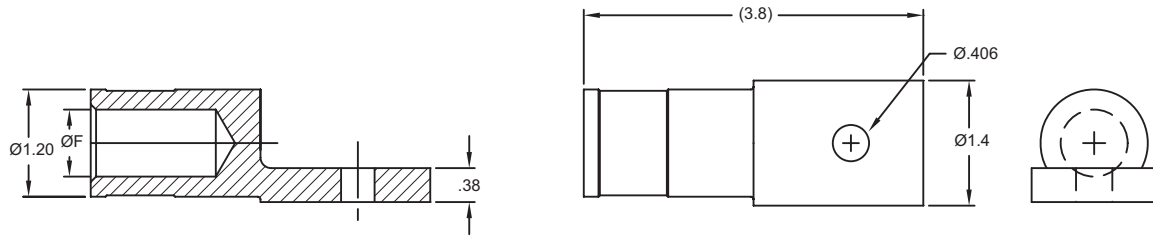
See Dimension Table below.



DASH NO.	MAT'L	WIRE SIZE	COLOR	ØA MAX.	ØB MAX.	L MAX.
-0	TEFLON	0	YELLOW	.450 [11.43]	.610 [15.49]	1.010 [25.65]
-4	TEFLON	4	BLUE	.320 [8.13]	.420 [10.67]	.480 [12.19]
-8	TEFLON	8	RED	.195 [4.95]	.320 [8.13]	.480 [12.19]
-12	TEFLON	12	YELLOW	.131 [3.33]	.176 [4.47]	.584 [14.83]
-16	TEFLON	16	BLUE	.093 [2.36]	.138 [3.51]	.584 [14.83]
-20	TEFLON	20	RED	.065 [1.65]	.100 [2.54]	.584 [14.83]
-22	TEFLON	22	BLACK	.045 [1.14]	.068 [1.73]	.500 [12.70]

1. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

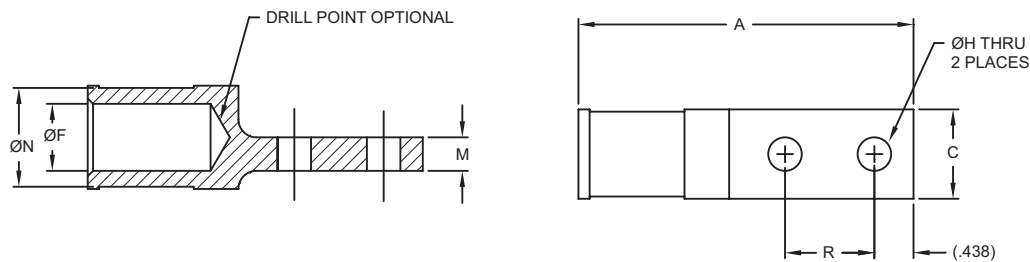
SINGLE HOLE TERMINAL LUGS



PART NUMBER	CABLE SIZE	ØF
998-9775-996	775/24	.752
998-9925-996	925/24	.813

DOUBLE HOLE

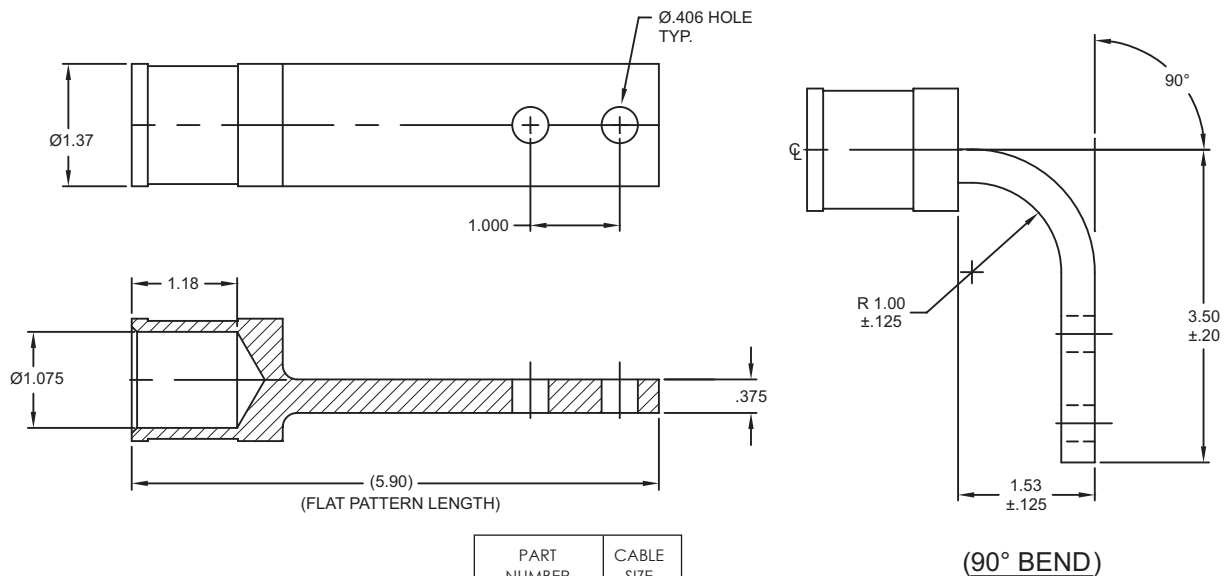
DOUBLE HOLE TERMINAL LUGS



PART NUMBER	CABLE SIZE	A	C	ØF	ØH	M	N	R
		±.094	MAX	±.03	±.015	±.039	±.030	±.015
SCPM275	275/24	3.000	.72	.435	.343	.203	.689	.875
SCPM775	775/24	3.250	1.00	.732	.343	.203	.953	.875
SCPM1600	1600/24	3.750	1.38	1.062	.406	.375	1.344	1.000

DOUBLE HOLE/90° FOR 1600/24 WIRE

DOUBLE HOLE TERMINAL LUGS - 90 DEGREE FOR 1600/24 WIRE



PART NUMBER	CABLE SIZE
998-1684-994	1600/24

TERMINATION BANDS

These Bands are commonly used to attach a braid or a shield to a backshell. They come in two shapes: Coiled or flat.

To provide our customers with a cost effective solution, Spacecraft Components now manufactures Termination Bands and is qualified to the M85049/128 specification.

Shown below is a summary of the various bands and their respective tools.

ELECTRO-ADAPTER	SHAPE	SIZE	SCP P/N	MILITARY REFERENCE	MILITARY TOOL	NON MILITARY APPLICATIONS	
						ELECTRO-ADAPTER TOOL	DANIELS TOOL
214LF002	Flat	.245 x 14.0	SCPSE-02F	M85049/128-1	M81306/2-01▲	EAK214-25▲	DBS-1101▲
214L0002	Coiled		SCPSE-02C	M85049/128-2			

BAND-IT	SHAPE	SIZE	SCP P/N	MILITARY REFERENCE	MILITARY TOOLS	NON MILITARY APPLICATIONS		
						BAND-IT TOOLS	DANIELS TOOLS	GLENAIR TOOLS
A10089	Flat	.242 x 14.25	SCPBE-02F	M85049/128-3	M81306/1-01●	A40199●	DBS-2100●	600-058●
A10088	Coiled		SCPBE-02C	M85049/128-4				
A11089	Flat	.242 x 18.00	N/A	N/A	M81306/1-02●	A30199●	DBS-2200●	600-061●
A31189*	Flat	.120 x 8.125	SCPBE-04F	M85049/128-7				
A31188*	Coiled		SCPBE-04C	M85049/128-8				
A31089*	Flat	.120 x 14.30	SCPBE-03F	N/A				

* Mini Band

GLENAIR	SHAPE	SIZE	SCP P/N	MILITARY REFERENCE	MILITARY TOOLS	NON MILITARY APPLICATIONS		
						GLENAIR TOOLS	BAND-IT TOOLS	DANIELS TOOLS
600-052	Flat	.242 x 14.25	SCPBE-02F	M85049/128-3	M81306/1-01●	600-058●	A40199●	DBS-2100●
600-052-1	Coiled		SCPBE-02C	M85049/128-4				
600-090	Flat	.245 x 18.0	N/A	N/A	M81306/1-01●	600-058●	A40199●	DBS-2100●
600-090-1	Coiled							
600-057*	Flat	.120 x 8.125	SCPBE-04F	M85049/128-7	M81306/1-02●	600-061●	A30199●	DBS-2200●
600-057-1*	Coiled		SCPBE-04C	M85049/128-8				
600-083*	Flat	.120 x 14.30	SCPBE-03F	N/A				
600-083-1*	Coiled		SCPBE-03C					

* Mini Band

Band-It and Glenair bands work in the DBS or STS Tools, but two operations are required (terminate and fold-over) rather than the one operation (terminate/trim). DBS or STS-1101, and 1201 tools include both the termination tool and the secondary roll-over tool.

SUNBANK	SHAPE	SIZE	SCP P/N	MILITARY REFERENCE	MILITARY TOOLS	NON MILITARY APPLICATIONS	
						SUNBANK TOOLS	DANIELS TOOLS
S 3175-2	Flat	.245 x 14.00	SCPSE-02F	M85049/128-1	M81306/2-01▲	STS-1101▲	DBS-1101▲
S 3175-2C	Coiled		SCPSE-02C	M85049/128-2			
S 3175-3*	Flat	.118 x 9.50	SCPSE-04F	M85049/128-5	M81306/2-02▲	STS-1201▲	DBS-1201▲
S 3175-3C*	Coiled		SCPSE-04C	M85049/128-6			
S 3175-4*	Flat	.118 x 14.25	SCPSE-03F	N/A	M81306/2-02▲	STS-1201▲	DBS-1201▲
S 3175-4C*	Coiled		SCPSE-03C				

* Mini Band

DBS or STS-1101 and 1201 tools include both the termination tool and the secondary roll-over tool.

MILITARY REFERENCE

MILITARY	SHAPE	SIZE	SCP P/N	MILITARY TOOLS	NON MILITARY APPLICATIONS			
					Band-It	Daniels	Glenair	Sunbank
M85049/128-1	Flat	.245 x 14.00	SCPSE-02F	M81306/2-01▲	-	DBS-1101▲	-	STS-1101▲
M85049/128-2	Coiled		SCPSE-02C					
M85049/128-3	Flat	.242 x 14.25	SCPBE-02F	M81306/1-01●	A40199●	DBS-2100●	600-058●	-
M85049/128-4	Coiled		SCPBE-02C					
M85049/128-5*	Flat	.118 x 9.50	SCPSE-04F	M81306/2-02▲	-	DBS-1201▲	-	STS-1201▲
M85049/128-6*	Coiled		SCPSE-04C					
M85049/128-7*	Flat	.120 x 8.125	SCPBE-04F	M81306/1-02●	A30199●	DBS-2200●	600-061●	-
M85049/128-8*	Coiled		SCPBE-04C					

* M85049/128-5, -6, -7, -8 are proposed.

● One Step Tool
▲ Two Step Tool

(.250 WIDE) TERMINATION BANDS

M85049/128

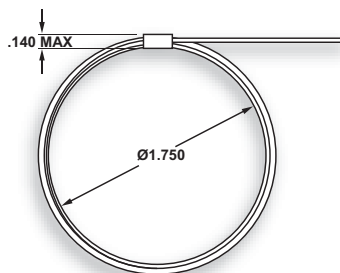


M85049/128-2

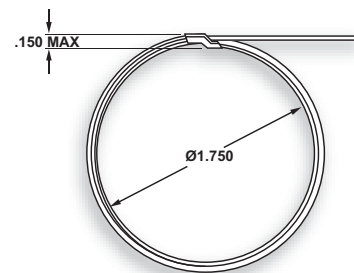
M85049/128-1 & M85049/128-2
SCPSE-02F & SCPSE-02C
TERMINATION TOOLS:
DANIELS: DBS-1101▲
SUNBANK: STS-1101▲
M81306/2-01▲

M85049/128-3 & M85049/128-4
SCPBE-02F & SCPBE-02C
TERMINATION TOOLS:
BAND-IT: A40199●
DANIELS: DBS-1101▲
DBS-2100●
GLENAIR: 600-058●
M81306/1-01●

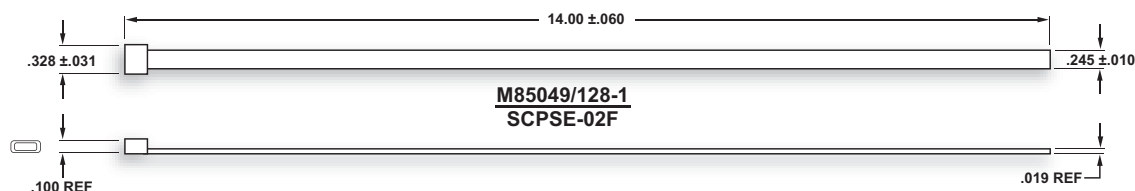
● One Step Tool
▲ Two Step Tool



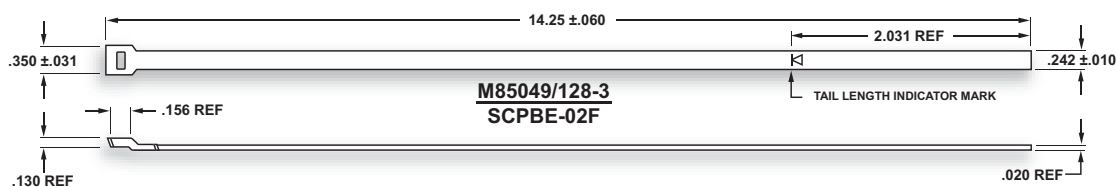
M85049/128-2
SCPSE-02C



M85049/128-4
SCPBE-02C



M85049/128-1
SCPSE-02F



M85049/128-3
SCPBE-02F

(.120 WIDE) MINI-BANDS

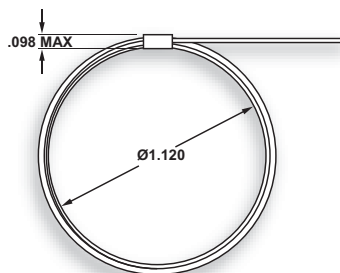


M85049/128-8

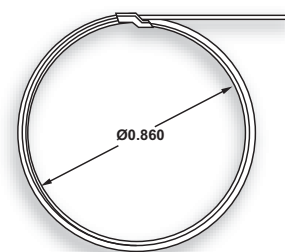
M85049/128-5* & M85049/128-6*
SCPSE-04F & SCPSE-04C
SCPSE-03F & SCPSE-03C
TERMINATION TOOLS:
DANIELS: DBS-1201▲
SUNBANK: STS-1201▲
M81306/2-02▲

M85049/128-7* & M85049/128-8*
SCPBE-04F & SCPBE-04C
SCPBE-03F & SCPBE-03C
TERMINATION TOOLS:
BAND-IT: A30199●
DANIELS: DBS-1201▲
DBS-2200●
GLENAIR: 600-061●
M81306/1-02●

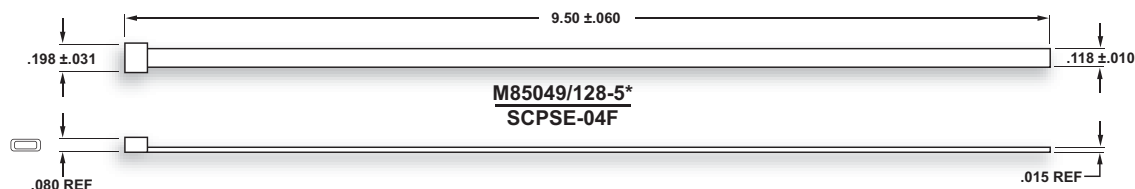
● One Step Tool
▲ Two Step Tool



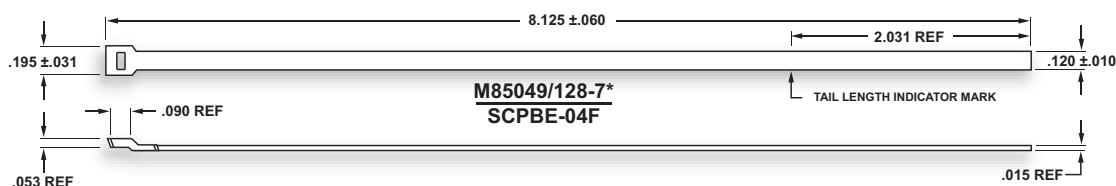
M85049/128-6*
SCPSE-04C



M85049/128-8*
SCPBE-04C



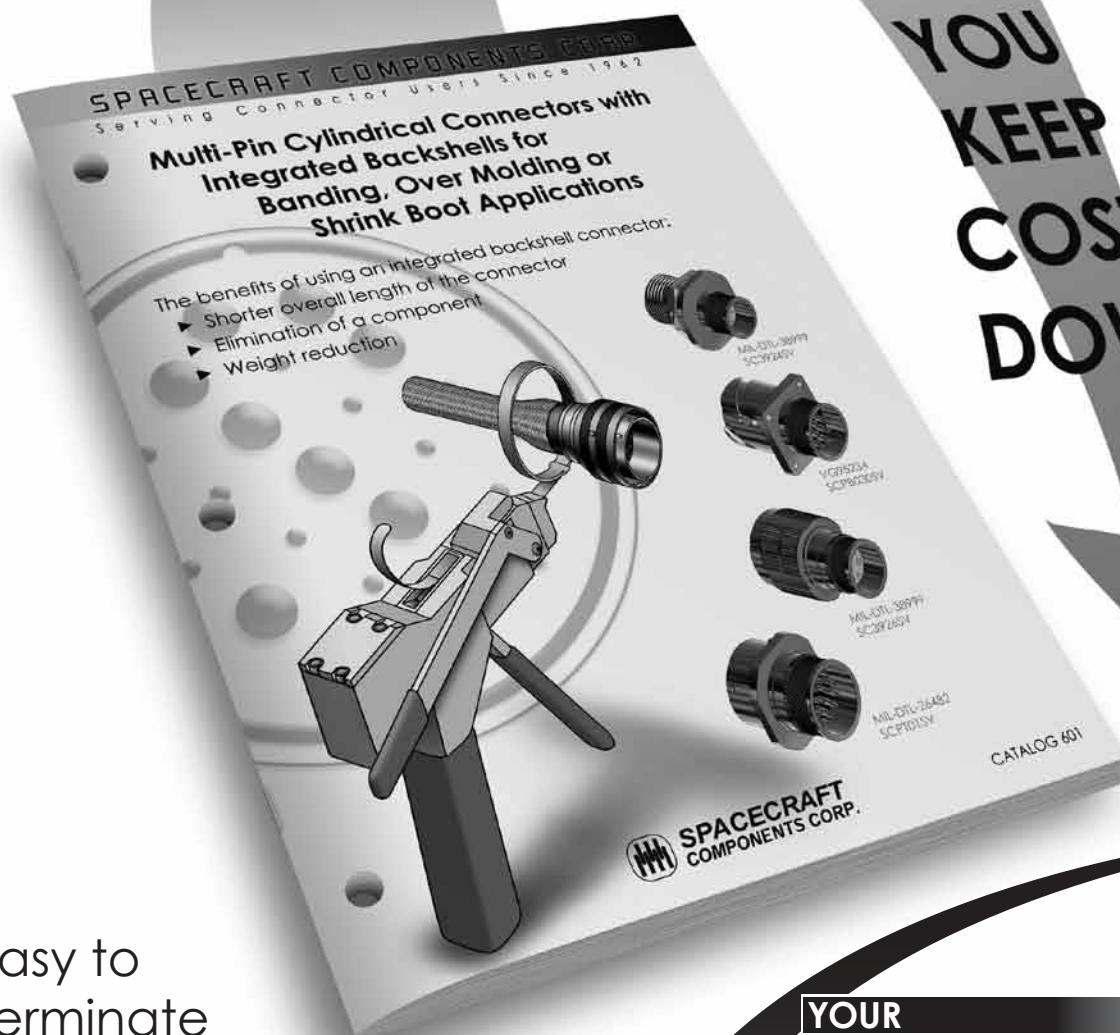
M85049/128-5*
SCPSE-04F



M85049/128-7*
SCPBE-04F

INTEGRATED BACKSHELLS

HELPING
YOU
KEEP
COSTS
DOWN



Easy to
Terminate

Secure Tension
Locking System



Made in America
by American Workers

YOUR
**CONNECTOR
CONSULTANT**
SINCE 1962



**SPACECRAFT
COMPONENTS CORP.**

702.851.7600

SECTION 7C

CROSS REFERENCE/INDEX

CROSS REFERENCE/INDEX

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ABCIR03★	Reverse Bayonet Box Mount Receptacle (SCPB03★).....	1C-4
ABCIR05★	Reverse Bayonet Dummy Receptacle (SCPB05★)	1C-4
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BVIVG	Conduit.....	1C-30 & 31
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★ Indicates additional alpha-numerics are required to complete part number

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FRITS3101G	Reverse Bayonet In-Line Receptacle (SCPBH01G).....	1C-4
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FRITS3101RS	Reverse Bayonet In-Line Receptacle (SCPBH01RV).....	1C-4
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IT3102Y	Reverse Bayonet Threaded Box Mount Receptacle (SCP09)	(Catalog 102)
IT3106A	Reverse Bayonet Threaded Straight Plug (SCP06A)	(Catalog 102)

★ Indicates additional alpha-numerics are required to complete part number



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IT3106G	Reverse Bayonet Threaded Straight Plug (SCP06N).....	(Catalog 102)
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IT3106R	Reverse Bayonet Threaded Straight Plug (SCP06R).....	(Catalog 102)
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IT3108A	Reverse Bayonet Threaded 90 Degree Plug (SCP08A).....	(Catalog 102)
IT3108F	Reverse Bayonet Threaded 90 Degree Plug (SCP08F).....	(Catalog 102)
IT3108R	Reverse Bayonet Threaded 90 Degree Plug (SCP08R).....	(Catalog 102)
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IT3420-*A	Rubber Bushing (MS3420-*A).....	(Catalog 401)
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IT4100F	Threaded Wall Mount Receptacle (SCP00D*-F80).....	(Catalog 102)
IT4100R	Threaded Wall Mount Receptacle (SCP00R*-F80).....	(Catalog 102)
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IT4101F	Threaded In-Line Receptacle (SCP01D*-F80).....	(Catalog 102)
IT4101R	Threaded In-Line Receptacle (SCP01R*-F80).....	(Catalog 102)
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IT4106R	Threaded Straight Plug (SCP06R*-F80).....	(Catalog 102)
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IT40450-*S	Flange Gasket (SCP40450-*S).....	(Catalog 401)
IT40460-*	Flange Gasket (SCP40460-*).....	(Catalog 401)
IT40460-*S	Flange Gasket (SCP40460-*S).....	(Catalog 401)
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ITS3100G*	Reverse Bayonet Wall Mount Receptacle (SCPB00G*).....	1C-4
ITS3100GR*	Reverse Bayonet Wall Mount Receptacle (SCPB00G2G*).....	1C-4
ITS3100R*	Reverse Bayonet Wall Mount Receptacle (SCPB00R*).....	1C-4
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ITS3103R*	Reverse Bayonet Box Mount Receptacle (SCPB03R*).....	1C-4
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ITS31030G*	Reverse Bayonet Wall Mount Receptacle (SCPB030G*).....	1C-4
ITS31030GR*	Reverse Bayonet Wall Mount Receptacle (SCPB030G2G*).....	1C-4
ITS31030R*	Reverse Bayonet Wall Mount Receptacle (SCPB030R*).....	1C-4
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ITS3106RS*	Reverse Bayonet Straight Plug (SCPBO6RV*)	1C-4
ITS3106SP*	Reverse Bayonet Straight Plug (SCPBO6SB*)	1C-4
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ITS4100G*	Reverse Bayonet Wall Mount Receptacle (SCPBO0G*(F80)	1C-4
ITS4100GR*	Reverse Bayonet Wall Mount Receptacle (SCPBO0G2G*(F80)	1C-4
ITS4100R*	Reverse Bayonet Wall Mount Receptacle (SCPBO0R*(F80)	1C-4
ITS4100RS*	Reverse Bayonet Wall Mount Receptacle (SCPBO0RV*(F80)	1C-4
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ITS41030F*	Reverse Bayonet Wall Mount Receptacle (SCPBO30LF*(F80)	1C-4
ITS41030G*	Reverse Bayonet Wall Mount Receptacle (SCPBO30G*(F80)	1C-4
ITS41030GR*	Reverse Bayonet Wall Mount Receptacle (SCPBO30G2G*(F80)	1C-4
ITS41030R*	Reverse Bayonet Wall Mount Receptacle (SCPBO30R*(F80)	1C-4
ITS41030RS*	Reverse Bayonet Wall Mount Receptacle (SCPBO30RV*(F80)	1C-4
ITS41030SP*	Reverse Bayonet Wall Mount Receptacle (SCPBO30SB*(F80)	1C-4
ITS41038A*	Reverse Bayonet Wall Mount Receptacle (SCPBO38A*(F80)	1C-4
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ITS4106R*	Reverse Bayonet Straight Plug (SCPBO6R*(F80)	1C-4
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ITS41078A*	Reverse Bayonet Jam Nut Receptacle (SCPBO78RR*(F80)	1C-4
ITS41078R*	Reverse Bayonet Jam Nut Receptacle (SCPBO78RR*(F80)	1C-4
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ITS4126A*	Reverse Bayonet Wall Mount Plug (SCP064PP*(F80)	1C-4
ITS4126R*	Reverse Bayonet Wall Mount Plug (SCP064PP*(F80)	1C-4
ITZ02T*H	Threaded Dust Cap for Receptacle ((SCPZ*TF)	Not Illustrated
ITZ06T*H	Threaded Dust Cap for Receptacle (SCPZ*TV)	Not Illustrated
ITZ3100A*CRG**H	Threaded Wall Mount Receptacle (SCPZ00A*)	Not Illustrated
ITZ3100A*D2**H	Threaded Wall Mount Receptacle (SCPZ00A*)	Not Illustrated
ITZ3100A*PHM**H	Threaded Wall Mount Receptacle (SCPZ00A*)	Not Illustrated
ITZ3100A*PM**H	Threaded Wall Mount Receptacle (SCPZ00A*)	Not Illustrated
ITZ3100R*CRG**H	Threaded Wall Mount Receptacle (SCPZ00R*)	Not Illustrated
ITZ3100R*D2**H	Threaded Wall Mount Receptacle (SCPZ00R*)	Not Illustrated
ITZ3102R*H**	Threaded Box Mount Receptacle (SCPZ02R*)	Not Illustrated
ITZ3103R*H**	Threaded Box Mount Receptacle (SCPZ03R*)	Not Illustrated
ITZ31030A* D2**H	Threaded Wall Mount Receptacle (SCPZ030A*)	Not Illustrated
ITZ31030A* PH**H	Threaded Wall Mount Receptacle (SCPZ030A*)	Not Illustrated
ITZ31030A* PM**H	Threaded Wall Mount Receptacle (SCPZ030A*)	Not Illustrated
ITZ31030A*CRG**H	Threaded Wall Mount Receptacle (SCPZ030A*)	Not Illustrated
ITZ31030R* D2**H	Threaded Wall Mount Receptacle (SCPZ030R*)	Not Illustrated
ITZ31030R*CRG**H	Threaded Wall Mount Receptacle (SCPZ030R*)	Not Illustrated
ITZ3106A*CRG**H	Threaded Straight Plug (SCPZ06* (SCPZ06A*)	Not Illustrated
ITZ3106A*D2**H	Threaded Straight Plug (SCPZ06* (SCPZ06A*)	Not Illustrated
ITZ3106A*PM**H	Threaded Straight Plug (SCPZ06* (SCPZ06A*)	Not Illustrated
ITZ3106R*CRG**H	Threaded Straight Plug (SCPZ06* (SCPZ06R*)	Not Illustrated
ITZ3106R*D2**H	Threaded Straight Plug (SCPZ06* (SCPZ06R*)	Not Illustrated
ITZ3108A* CRG**H	Threaded 90 Degree Plug (SCPZ08* (SCPZ08A*)	Not Illustrated
ITZ3108A* D2**H	Threaded 90 Degree Plug (SCPZ08* (SCPZ08A*)	Not Illustrated
ITZ3108A* PM**H	Threaded 90 Degree Plug (SCPZ08* (SCPZ08A*)	Not Illustrated
ITZ3108A*PMH**H	Threaded 90 Degree Plug (SCPZ08* (SCPZ08A*)	Not Illustrated
ITZ3108R* D2**H	Threaded 90 Degree Plug (SCPZ08* (SCPZ08R*)	Not Illustrated
ITZ3108R* CRG**H	Threaded 90 Degree Plug (SCPZ08* (SCPZ08R*)	Not Illustrated
ITZ4100A*CRG**H	Threaded Wall Mount Receptacle (SCPZ00A*(F80)	Not Illustrated
ITZ4100A*CRG**H-B0	Threaded Wall Mount Receptacle (SCPZ00A*(F0)	Not Illustrated
ITZ4100A*CRG**H-B1	Threaded Wall Mount Receptacle (SCPZ00A*(F80-A95)	Not Illustrated
ITZ4100A*D2**H	Threaded Wall Mount Receptacle (SCPZ00A*(F80)	Not Illustrated
ITZ4100A*D2**H-B0	Threaded Wall Mount Receptacle (SCPZ00A*(F0)	Not Illustrated
ITZ4100A*D2**H-B1	Threaded Wall Mount Receptacle (SCPZ00A*(F80-A95)	Not Illustrated
ITZ4100A*PHM**H	Threaded Wall Mount Receptacle (SCPZ00A*(F80)	Not Illustrated
ITZ4100A*PHM**H-B0	Threaded Wall Mount Receptacle (SCPZ00A*(F0)	Not Illustrated
ITZ4100A*PHM**H-B1	Threaded Wall Mount Receptacle (SCPZ00A*(F80-A95)	Not Illustrated
ITZ4100A*PM**H	Threaded Wall Mount Receptacle (SCPZ00A*(F80)	Not Illustrated
ITZ4100A*PM**H-B0	Threaded Wall Mount Receptacle (SCPZ00A*(F0)	Not Illustrated
ITZ4100A*PM**H-B1	Threaded Wall Mount Receptacle (SCPZ00A*(F80-A95)	Not Illustrated
ITZ4100R*CRG**H	Threaded Wall Mount Receptacle (SCPZ00R*(F80)	Not Illustrated
ITZ4100R*CRG**H-B0	Threaded Wall Mount Receptacle (SCPZ00R*(F0)	Not Illustrated
ITZ4100R*CRG**H-B1	Threaded Wall Mount Receptacle (SCPZ00R*(F80-A95)	Not Illustrated
ITZ4100R*D2**H	Threaded Wall Mount Receptacle (SCPZ00R*(F80)	Not Illustrated
ITZ4100R*D2**H-B0	Threaded Wall Mount Receptacle (SCPZ00R*(F0)	Not Illustrated
ITZ4100R*D2**H-B1	Threaded Wall Mount Receptacle (SCPZ00R*(F80-A95)	Not Illustrated
ITZ4102R*H**	Threaded Box Mount Receptacle (SCPZ02R*(F80)	Not Illustrated
ITZ4102R*H**-B0	Threaded Box Mount Receptacle (SCPZ02R*(F0)	Not Illustrated
ITZ4102R*H**-B1	Threaded Box Mount Receptacle (SCPZ02R*(F80-A95)	Not Illustrated
ITZ4103R*H**	Threaded Box Mount Receptacle (SCPZ03R*(F80)	Not Illustrated
ITZ4103R*H**-B0	Threaded Box Mount Receptacle (SCPZ03R*(F0)	Not Illustrated
ITZ4103R*H**-B1	Threaded Box Mount Receptacle (SCPZ03R*(F80-A95)	Not Illustrated
ITZ41030A* D2**H	Threaded Wall Mount Receptacle (SCPZ030A*(F80)	Not Illustrated
ITZ41030A* D2**H-B0	Threaded Wall Mount Receptacle (SCPZ030A*(F0)	Not Illustrated
ITZ41030A* D2**H-B1	Threaded Wall Mount Receptacle (SCPZ030A*(F80-A95)	Not Illustrated
ITZ41030A* PH**H	Threaded Wall Mount Receptacle (SCPZ030A*(F80)	Not Illustrated
ITZ41030A* PH**H-B0	Threaded Wall Mount Receptacle (SCPZ030A*(F0)	Not Illustrated
ITZ41030A* PH**H-B1	Threaded Wall Mount Receptacle (SCPZ030A*(F80-A95)	Not Illustrated
ITZ41030A* PM**H	Threaded Wall Mount Receptacle (SCPZ030A*(F80)	Not Illustrated
ITZ41030A* PM**H-B0	Threaded Wall Mount Receptacle (SCPZ030A*(F0)	Not Illustrated
ITZ41030A* PM**H-B1	Threaded Wall Mount Receptacle (SCPZ030A*(F80-A95)	Not Illustrated
ITZ41030A*CRG**H	Threaded Wall Mount Receptacle (SCPZ030A*(F80)	Not Illustrated
ITZ41030A*CRG**H-B0	Threaded Wall Mount Receptacle (SCPZ030A*(F0)	Not Illustrated
ITZ41030A*CRG**H-B1	Threaded Wall Mount Receptacle (SCPZ030A*(F80-A95)	Not Illustrated

★ Indicates additional alpha-numerics are required to complete part number

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ITZ41030R* D2**H	Threaded Wall Mount Receptacle (SCPZ030R*(F80).....	Not Illustrated
ITZ41030R* D2**H-B0	Threaded Wall Mount Receptacle (SCPZ030R*(F0).....	Not Illustrated
ITZ41030R* D2**H-B1	Threaded Wall Mount Receptacle (SCPZ030R*(F80-A95).....	Not Illustrated
ITZ41030R*CRG**H	Threaded Wall Mount Receptacle (SCPZ030R*(F80).....	Not Illustrated
ITZ41030R*CRG**H-B0	Threaded Wall Mount Receptacle (SCPZ030R*(F0).....	Not Illustrated
ITZ41030R*CRG**H-B1	Threaded Wall Mount Receptacle (SCPZ030R*(F80-A95).....	Not Illustrated
ITZ4106A*CRG**H	Threaded Straight Plug (SCPZ06A*(F80).....	Not Illustrated
ITZ4106A*CRG**H-B0	Threaded Straight Plug (SCPZ06A*(F0).....	Not Illustrated
ITZ4106A*CRG**H-B1	Threaded Straight Plug (SCPZ06A*(F80-A95).....	Not Illustrated
ITZ4106A*D2**H	Threaded Straight Plug (SCPZ06A*(F80).....	Not Illustrated
ITZ4106A*D2**H-B0	Threaded Straight Plug (SCPZ06A*(F0).....	Not Illustrated
ITZ4106A*D2**H-B1	Threaded Straight Plug (SCPZ06A*(F80-A95).....	Not Illustrated
ITZ4106A*PM**H	Threaded Straight Plug (SCPZ06A*(F80).....	Not Illustrated
ITZ4106A*PM**H-B0	Threaded Straight Plug (SCPZ06A*(F0).....	Not Illustrated
ITZ4106A*PM**H-B1	Threaded Straight Plug (SCPZ06A*(F80-A95).....	Not Illustrated
ITZ4106R*CRG**H	Threaded Straight Plug (SCPZ06R*(F80).....	Not Illustrated
ITZ4106R*CRG**H-B0	Threaded Straight Plug (SCPZ06R*(F0).....	Not Illustrated
ITZ4106R*CRG**H-B1	Threaded Straight Plug (SCPZ06R*(F80-A95).....	Not Illustrated
ITZ4106R*D2**H	Threaded Straight Plug (SCPZ06R*(F80).....	Not Illustrated
ITZ4106R*D2**H-B0	Threaded Straight Plug (SCPZ06R*(F0).....	Not Illustrated
ITZ4106R*D2**H-B1	Threaded Straight Plug (SCPZ06R*(F80-A95).....	Not Illustrated
ITZ4108A* CRG**H	Threaded 90 Degree Plug (SCPZ08A*(F80).....	Not Illustrated
ITZ4108A* CRG**H-B0	Threaded 90 Degree Plug (SCPZ08A*(F0).....	Not Illustrated
ITZ4108A* CRG**H-B1	Threaded 90 Degree Plug (SCPZ08A*(F80-A95).....	Not Illustrated
ITZ4108A* D2**H	Threaded 90 Degree Plug (SCPZ08A*(F80).....	Not Illustrated
ITZ4108A* D2**H-B0	Threaded 90 Degree Plug (SCPZ08A*(F0).....	Not Illustrated
ITZ4108A* D2**H-B1	Threaded 90 Degree Plug (SCPZ08A*(F80-A95).....	Not Illustrated
ITZ4108A* PM**H	Threaded 90 Degree Plug (SCPZ08A*(F80).....	Not Illustrated
ITZ4108A* PM**H-B0	Threaded 90 Degree Plug (SCPZ08A*(F0).....	Not Illustrated
ITZ4108A* PM**H-B1	Threaded 90 Degree Plug (SCPZ08A*(F80-A95).....	Not Illustrated
ITZ4108A*PMH**H	Threaded 90 Degree Plug (SCPZ08A*(F80).....	Not Illustrated
ITZ4108A*PMH**H-B0	Threaded 90 Degree Plug (SCPZ08A*(F0).....	Not Illustrated
ITZ4108A*PMH**H-B1	Threaded 90 Degree Plug (SCPZ08A*(F80-A95).....	Not Illustrated
ITZ4108R* D2**H	Threaded 90 Degree Plug (SCPZ08R*(F80).....	Not Illustrated
ITZ4108R* D2**H-B0	Threaded 90 Degree Plug (SCPZ08R*(F0).....	Not Illustrated
ITZ4108R* D2**H-B1	Threaded 90 Degree Plug (SCPZ08R*(F80-A95).....	Not Illustrated
ITZ4108R* CRG**H	Threaded 90 Degree Plug (SCPZ08R*(F80).....	Not Illustrated
ITZ4108R* CRG**H-B0	Threaded 90 Degree Plug (SCPZ08R*(F0).....	Not Illustrated
ITZ4108R* CRG**H-B1	Threaded 90 Degree Plug (SCPZ08R*(F80-A95).....	Not Illustrated
LTC00★	Reverse Bayonet Wall Mount Receptacle (SCPB00★F80).....	1C-4
LTC01★	Reverse Bayonet In-Line Receptacle (SCPB01★F80).....	1C-4
LTC02★	Reverse Bayonet Box Mount Receptacle (SCPB02★F80).....	1C-4
LTC06★	Reverse Bayonet Straight Plug (SCPB06★F80).....	1C-4
LTC07★	Reverse Bayonet Jam Nut Receptacle (SCPB07★F80).....	1C-4
LTC08★	Reverse Bayonet 90 Degree Plug (SCPB08★F80).....	1C-4
LTC020★	Reverse Bayonet Wall Mount Receptacle (SCPB020★F80).....	1C-4
LTC030★	Reverse Bayonet Wall Mount Receptacle (SCPB030★F80).....	1C-4
LTC070★	Reverse Bayonet Jam Nut Receptacle (SCPB070★F80).....	1C-4
LTCTB★	Reverse Bayonet Thru-Bulkhead Receptacle (SCPBTB★).....	1C-4
LTS00★	Reverse Bayonet Wall Mount Receptacle (SCPB00★).....	1C-4
LTS01★	Reverse Bayonet In-Line Receptacle (SCPB01★).....	1C-4
LTS02★	Reverse Bayonet Box Mount Receptacle (SCPB02★).....	1C-4
LTS06★	Reverse Bayonet Straight Plug (SCPB06★).....	1C-4
LTS07★	Reverse Bayonet Jam Nut Receptacle (SCPB07★).....	1C-4
LTS08★	Reverse Bayonet 90 Degree Plug (SCPB08★).....	1C-4
LTS020★	Reverse Bayonet Wall Mount Receptacle (SCPB020★).....	1C-4
LTS030★	Reverse Bayonet Wall Mount Receptacle (SCPB030★).....	1C-4
LTS070★	Reverse Bayonet Jam Nut Receptacle (SCPB070★).....	1C-4
LTSTB★	Reverse Bayonet Thru-Bulkhead Receptacle (SCPBTB★).....	1C-4
MD275★	Terminal Lug (SCPMD275★).....	6C-15
MD775★	Terminal Lug (SCPMD775★).....	6C-15
MD1600★	Terminal Lug (SCPMD1600★).....	6C-15
MS3057*A	Cable Clamp.....	6C-3
MS3057*C	Cable Clamp.....	6C-5
MS3420-*	Rubber Bushing.....	6C-4
MS3420-*A	Rubber Bushing.....	6C-6
MS25251-*	Sealing Plug.....	6C-14

★ Indicates additional alpha-numeric are required to complete part number



MS27488-*	Sealing Plug	6C-14
PARVB	Conduit	1C-29 & 31
PARVG	Conduit	1C-31
PARFB	Conduit	1C-31
PCSG	Conduit	1C-31
PCST	Conduit	1C-31
PILAG	Conduit	1C-30
PILB	Conduit	1C-30
PILJ	Conduit	1C-30
PILMG	Conduit	1C-30
PIVG	Conduit	1C-30
R12-2500-★	Pin Contact, Size 18	3C-4
R12-3600-★	Pin Contact, Size 16	3C-4
R12-3608-★	Pin Contact, Size 16	3C-4
R12-3612-★	Pin Contact, Size 16	3C-4
R12-3613-★	Pin Contact, Size 16	3C-4
R12-3615-★	Pin Contact, Size 16	3C-4
R12-3620-★	Pin Contact, Size 16	3C-4
R12-3626-★	Pin Contact, Size 16	3C-4
R12-4900-★	Pin Contact, Size 16S	3C-4
R12-4912-★	Pin Contact, Size 16S	3C-4
R12-4913-★	Pin Contact, Size 16S	3C-4
R12-4915-★	Pin Contact, Size 16S	3C-4
R12-4926-★	Pin Contact, Size 16S	3C-4
R12-6400-★	Pin Contact, Size 12	3C-5
R12-6408-★	Pin Contact, Size 12	3C-5
R12-6412-★	Pin Contact, Size 12	3C-5
R12-6415-★	Pin Contact, Size 12	3C-5
R12-6420-★	Pin Contact, Size 12	3C-5
R12-6422-★	Pin Contact, Size 12	3C-5
R12-6430-★	Pin Contact, Size 12	3C-5
R12-6431-★	Pin Contact, Size 12	3C-5
R12-6438-★	Pin Contact, Size 12	3C-5
R12-7900-★	Pin Contact, Size 8	3C-5
R12-7915-★	Pin Contact, Size 8	3C-5
R12-7918-★	Pin Contact, Size 8	3C-5
R12-7926-★	Pin Contact, Size 8	3C-5
R12-7930-★	Pin Contact, Size 8	3C-5
R12-7950-★	Pin Contact, Size 8	3C-5
R12-7958-★	Pin Contact, Size 8	3C-5
R12-8500-★	Pin Contact, Size 4	3C-5
R12-8522-★	Pin Contact, Size 4	3C-5
R12-8525-★	Pin Contact, Size 4	3C-5
R12-8526-★	Pin Contact, Size 4	3C-5
R12-8530-★	Pin Contact, Size 4	3C-5
R12-8535-★	Pin Contact, Size 4	3C-5
R12-8550-★	Pin Contact, Size 4	3C-5
R12-8562-★	Pin Contact, Size 4	3C-5
R12-9200-★	Pin Contact, Size 1/0	3C-5
R12-9225-★	Pin Contact, Size 1/0	3C-5
R12-9235-★	Pin Contact, Size 1/0	3C-5
R12-9245-★	Pin Contact, Size 1/0	3C-5
R12-9246-★	Pin Contact, Size 1/0	3C-5
R12-9250-★	Pin Contact, Size 1/0	3C-5
R12-9275-★	Pin Contact, Size 1/0	3C-5
R12-9700-★	Pin Contact, Size 4/0	3C-5
R12-97115-★	Pin Contact, Size 4/0	3C-5
R12-97135-★	Pin Contact, Size 4/0	3C-5
R12-9790-★	Pin Contact, Size 4/0	3C-5
SOE19FP★	Panel Mount Receptacle	1C-32
SOE19FV★	In-Line Receptacle	1C-32
SOE19MP★	Panel Mount Plug	1C-32
SOE19MV★	Straight Plug	1C-32
SOX19FP★	Panel Mount Receptacle	1C-32
SOX19FV★	In-Line Receptacle	1C-32
SOX19MP★	Panel Mount Plug	1C-32
SOX19MV★	Straight Plug	1C-32

★ Indicates additional alpha-numerics are required to complete part number

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S12-3800-★	Socket Contact, Size 16.....	3C-3
S12-5100-★	Socket Contact, Size 16S.....	3C-3
S12-6500-★	Socket Contact, Size 12.....	3C-3
S12-7900-★	Socket Contact, Size 8.....	3C-3
S12-8500-★	Socket Contact, Size 4.....	3C-3
S12-9200-★	Socket Contact, Size 1/0.....	3C-3
SCP40450-*	Gasket for Flange Mount Receptacle.....	6C-13
SCP40460-*	Gasket for Flange Mount Receptacle.....	6C-13
SCPB*TF	Dust Cap for Receptacle.....	6C-9
SCPB*TV	Dust Cup for Plug.....	6C-8
SCPB05*	Dummy Receptacle.....	6C-7
SCPB90-*	Right Angle Mounting Bracket.....	6C-12
SCPBE-02C	Coiled .250 Termination Band.....	6C-16
SCPBE-02F	Flat .250 Termination Band.....	6C-16
SCPBE-04C	Coiled .125 Termination Band.....	6C-16
SCPBE-04F	Flat .125 Termination Band.....	6C-16
SCPB(H)(S)00-(Dash Only)★	Wall Mount Receptacle.....	1C-5
SCPB(H)(S)00A★	Wall Mount Receptacle.....	1C-5
SCPB(H)(S)00AE★	Wall Mount Receptacle.....	1C-6
SCPB(H)(S)00AF★	Wall Mount Receptacle.....	1C-6
SCPB(H)(S)00AG★	Wall Mount Receptacle.....	1C-7
SCPB(H)(S)00AG2G★	Wall Mount Receptacle.....	1C-7
SCPB(H)(S)00APT★	Wall Mount Receptacle.....	1C-8
SCPB(H)(S)00ARK★	Wall Mount Receptacle.....	1C-8
SCPB(H)(S)00ARV★	Wall Mount Receptacle.....	1C-9
SCPB(H)(S)00ASB★	Wall Mount Receptacle.....	1C-9
SCPB(H)(S)00ASBF★	Wall Mount Receptacle.....	1C-10
SCPB(H)(S)00ASBT★	Wall Mount Receptacle.....	1C-10
SCPB(H)(S)00CF(Z)★	Wall Mount Receptacle.....	1C-11
SCPB(H)(S)00CMEG★	Wall Mount Receptacle.....	1C-11
SCPB(H)(S)00E★	Wall Mount Receptacle.....	1C-6
SCPB(H)(S)00F★	Wall Mount Receptacle.....	1C-6
SCPB(H)(S)00G★	Wall Mount Receptacle.....	1C-7
SCPB(H)(S)00G2G★	Wall Mount Receptacle.....	1C-7
SCPB(H)(S)00LA★	Wall Mount Receptacle.....	1C-12
SCPB(H)(S)00LAF★	Wall Mount Receptacle.....	1C-12
SCPB(H)(S)00LC(G)★	Wall Mount Receptacle.....	1C-13
SCPB(H)(S)00LCF(Z)★	Wall Mount Receptacle.....	1C-13
SCPB(H)(S)00LF★	Wall Mount Receptacle.....	1C-12
SCPB(H)(S)00LR★	Wall Mount Receptacle.....	1C-12
SCPB(H)(S)00NM(G)★	Wall Mount Receptacle.....	1C-14
SCPB(H)(S)00R★	Wall Mount Receptacle.....	1C-5
SCPB(H)(S)00RK★	Wall Mount Receptacle.....	1C-8
SCPB(H)(S)00RV★	Wall Mount Receptacle.....	1C-9
SCPB(H)(S)00SB★	Wall Mount Receptacle.....	1C-9
SCPB(H)(S)00SBF★	Wall Mount Receptacle.....	1C-10
SCPB(H)(S)00SBT★	Wall Mount Receptacle.....	1C-10
SCPB(H)(S)00SL/SL1★	Wall Mount Receptacle.....	1C-15
SCPB(H)(S)00SLX/SLX1★	Wall Mount Receptacle.....	1C-15
SCPB(H)(S)00ST(G)★	Wall Mount Receptacle.....	1C-16
SCPB(H)(S)00SU(G)★	Wall Mount Receptacle.....	1C-16
SCPB(H)(S)00SV★	Wall Mount Receptacle.....	1C-17
SCPB(H)(S)00TRAC★	Wall Mount Receptacle.....	1C-17
SCPB(H)(S)00WK(G)★	Wall Mount Receptacle.....	1C-18
SCPB(H)(S)01-(Dash Only)★	In-Line Receptacle.....	1C-19
SCPB(H)(S)01A★	In-Line Receptacle.....	1C-19
SCPB(H)(S)01AE★	In-Line Receptacle.....	1C-20
SCPB(H)(S)01AF★	In-Line Receptacle.....	1C-20
SCPB(H)(S)01AG★	In-Line Receptacle.....	1C-21
SCPB(H)(S)01AG2G★	In-Line Receptacle.....	1C-21
SCPB(H)(S)01APT★	In-Line Receptacle.....	1C-22
SCPB(H)(S)01ARV★	In-Line Receptacle.....	1C-22
SCPB(H)(S)01ASB★	In-Line Receptacle.....	1C-23
SCPB(H)(S)01ASBF★	In-Line Receptacle.....	1C-23
SCPB(H)(S)01ASBT★	In-Line Receptacle.....	1C-24
SCPB(H)(S)01CF(Z)★	In-Line Receptacle.....	1C-24
SCPB(H)(S)01E★	In-Line Receptacle.....	1C-20

★ Indicates additional alpha-numeric are required to complete part number



SCPB(H)(S)01F★	In-Line Receptacle.....	1C-20
SCPB01FR**(C)★	In-Line Receptacle.....	1C-25
SCPB01FR**(PG)★	In-Line Receptacle.....	1C-25
SCPB01FR**(SPB)★	In-Line Receptacle.....	1C-26
SCPB(H)(S)01G★	In-Line Receptacle.....	1C-21
SCPB(H)(S)01G2G★	In-Line Receptacle.....	1C-21
SCPB(H)(S)01LA★	In-Line Receptacle.....	1C-26
SCPB(H)(S)01LAF★	In-Line Receptacle.....	1C-27
SCPB(H)(S)01LC(G)★	In-Line Receptacle.....	1C-27
SCPB(H)(S)01LCF(Z)★	In-Line Receptacle.....	1C-28
SCPB(H)(S)01LF★	In-Line Receptacle.....	1C-27
SCPBH01LPGM52★	In-Line Receptacle.....	1C-105
SCPBH01LPGF52★	In-Line Receptacle.....	1C-106
SCPB(H)(S)01LR★	In-Line Receptacle.....	1C-26
SCPB(H)(S)01NM(G)★	In-Line Receptacle.....	1C-28
SCPB(H)(S)01R★	In-Line Receptacle.....	1C-19
SCPB(H)(S)01RV★	In-Line Receptacle.....	1C-22
SCPB(H)(S)01SB★	In-Line Receptacle.....	1C-23
SCPB(H)(S)01SBF★	In-Line Receptacle.....	1C-23
SCPB(H)(S)01SBT★	In-Line Receptacle.....	1C-24
SCPB(H)(S)01SL/SL1★	In-Line Receptacle.....	1C-29
SCPB(H)(S)01SLX/SLX1★	In-Line Receptacle.....	1C-29
SCPB(H)(S)01ST(G)★	In-Line Receptacle.....	1C-30
SCPB(H)(S)01SU(G)★	In-Line Receptacle.....	1C-30
SCPB(H)(S)01SV★	In-Line Receptacle.....	1C-31
SCPB(H)(S)01TRAC★	In-Line Receptacle.....	1C-31
SCPB(H)(S)02A★	Box Mount Receptacle.....	1C-32
SCPB(H)(S)02R★	Box Mount Receptacle.....	1C-32
SCPB(H)(S)02YM★	Box Mount Receptacle.....	1C-32
SCPB(H)(S)03A★	Box Mount Receptacle, Rear Panel Mount.....	1C-34
SCPB(H)(S)03R★	Box Mount Receptacle, Rear Panel Mount.....	1C-34
SCPB(H)(S)03YM★	Box Mount Receptacle, Rear Panel Mount.....	1C-35
SCPB05-52★	Dummy Receptacle.....	1C-110
SCPB(G)(H)(S)06-(Dash only)★	Straight Plug.....	1C-55
SCPB(G)(H)(S)06A★	Straight Plug.....	1C-56
SCPB(G)(H)(S)06AGG★	Straight Plug.....	1C-58
SCPB(G)(H)(S)06AE★	Straight Plug.....	1C-56
SCPB(G)(H)(S)06AF★	Straight Plug.....	1C-57
SCPB(G)(H)(S)06AFGG★	Straight Plug.....	1C-57
SCPB(G)(H)(S)06AG★	Straight Plug.....	1C-58
SCPB(G)(H)(S)06AG2G★	Straight Plug.....	1C-59
SCPBH06AMPL52★	Straight Plug.....	1C-108
SCPB(G)(H)(S)06APT★	Straight Plug.....	1C-59
SCPB(G)(H)(S)06ARK★	Straight Plug.....	1C-60
SCPB(G)(H)(S)06ARKGG★	Straight Plug.....	1C-60
SCPB(G)(H)(S)06ARV★	Straight Plug.....	1C-61
SCPB(G)(H)(S)06ASB★	Straight Plug.....	1C-61
SCPB(G)(H)(S)06ASBF★	Straight Plug.....	1C-62
SCPB(G)(H)(S)06ASBT★	Straight Plug.....	1C-62
SCPB(G)(H)(S)06BC★	Straight Plug.....	1C-63
SCPB(G)(H)(S)06CF(Z)★	Straight Plug.....	1C-63
SCPB(G)(H)(S)06CF(Z)GG★	Straight Plug.....	1C-64
SCPB(G)(H)(S)06E★	Straight Plug.....	1C-56
SCPB(G)(H)(S)06F★	Straight Plug.....	1C-57
SCPB(G)(H)(S)06FGG★	Straight Plug.....	1C-57
SCPB(G)(H)(S)06G★	Straight Plug.....	1C-58
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