

Multi-Pin Power Cylindrical Connectors



Primary Markets:

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



SPACECRAFT
COMPONENTS CORP.

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

- Access to MIL-SPEC Data Sheets in an Instant
- Identify Crimp Tools for Your Contacts
- Identify the Mating Connector
- Identify the Accessories for Your Connector

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.

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MULTI-PIN CYLINDRICAL POWER CONNECTORS

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 **SPACECRAFT
COMPONENTS CORP.**

702.851.7600

SECTION 1A

MIL-DTL-5015 SERIES I

SOLDER OR CRIMP (F80) CONTACTS

This Military Specification covers Multipin Cylindrical connectors and is one of the most widely used for various applications. There are 19 shell sizes, 8 shell configurations, and over 130 insert arrangements containing contact sizes 18, 16, 12, 8, 4, 1/0 and 4/0.

MIL-DTL-5015 has surely stood the test-of-time, having been first used in 1939. Through the years, these connectors have been upgraded with the use of state-of-the-art materials and finishes. The insert arrangements are so versatile that they are used in other series of connectors that use different shells and hardware.

Originally, only solder contacts were available. Today, in addition to solder, these connectors are available with crimp contacts, both front and rear release. The coupling method is by use of an UNF type thread. Other coupling methods, reverse bayonet and double start threads are available.

Shown on the chart below is a comparison between various series.

SERIES COMPARISON

FEATURES	MIL-DTL-5015 SERIES I	MIL-DTL-5015 FRONT RELEASE SERIES II	MIL-DTL-5015 REAR RELEASE SERIES III	REVERSE BAYONET	SWL	SWLD
COUPLING	UNF Threads	UNF THREADS	UNF THREADS	1/3 TURN BAYONET	DOUBLE START THREADS	DOUBLE START THREADS
SHELL KEYWAYS	1	1	1	1	1	5
REAR ACCESSORY THREADS	RIGHT HAND	RIGHT HAND	RIGHT HAND	RIGHT HAND	LEFT HAND	LEFT HAND
BACKSHELLS	WITH CONNECTORS	NOT SUPPLIED (1)	NOT SUPPLIED (1)	WITH CONNECTORS	NOT SUPPLIED (1)	NOT SUPPLIED (1)
CONTACT TYPE	SOLDER OR F80 CRIMP	CRIMP	CRIMP	SOLDER OR F80 CRIMP	SOLDER OR F80 CRIMP	SOLDER OR F80 CRIMP
CONTACT RETENTION	RUBBER	METAL CLIP	METAL CLIP	RUBBER	RUBBER	RUBBER

(1) Backshells must be purchased separately.

MIL-DTL-5015 SERIES I SOLDER OR CRIMP CONTACTS

ORDERING INFORMATION

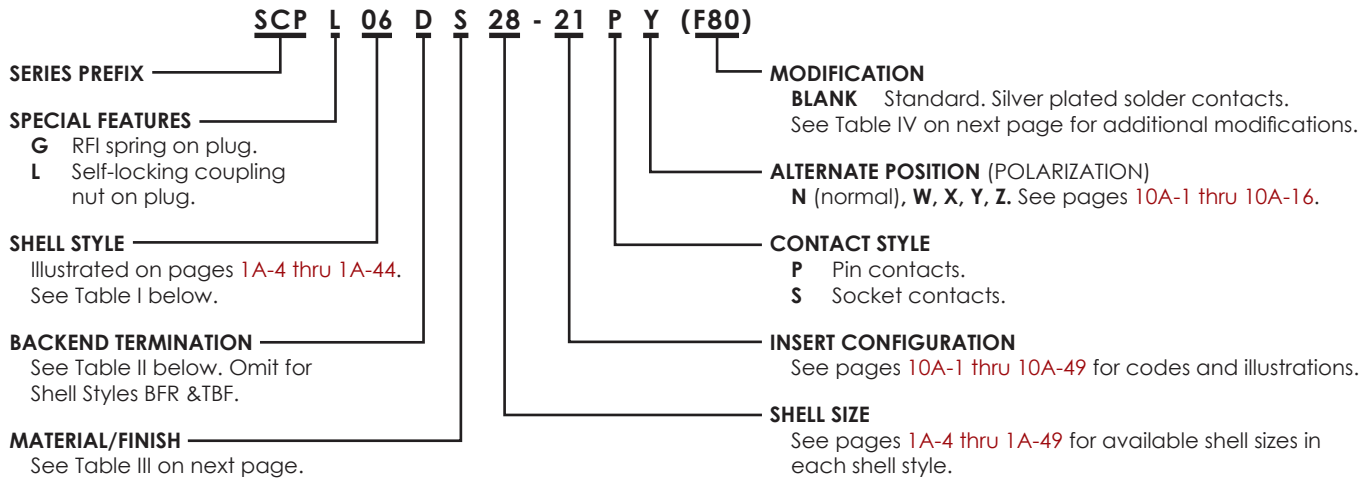


TABLE I. SHELL STYLE

CODE	DESCRIPTION	SEE PAGE
00	Wall mount receptacle	1A-4 thru 1A-13
01	In-line receptacle	1A-14 thru 1A-22
02	Box mount receptacle	1A-23
03	Jam nut receptacle less rear threads	1A-27
04	Jam nut receptacle	1A-24, 1A-28
05	Panel mount plug	1A-30
06	Straight plug	1A-31 thru 1A-40
G06	Straight plug with grounding fingers on barrel	1A-31 thru 1A-40
07	Quick disconnect plug	1A-41
08	90° plug	1A-42 thru 1A-48
G08	90° plug with grounding fingers on barrel	1A-42 thru 1A-48
09	Box mount receptacle w/ P.C. tails	1A-25
BFR	Jam nut receptacle	1A-26
TBF	Thru-bulkhead receptacle	1A-29

TABLE II. BACKEND TERMINATIONS

CODE	DESCRIPTION	ENVIRONMENTAL	GROMMET
A	Threaded adapter	No	No
B	Threaded adapter	Yes	Yes
C	Threaded adapter	Yes	No
D	Backshell, 2 piece (MS3057*A)	Yes	No
E	Backshell, 1 piece	Yes	Yes
F	Backshell, 2 piece (MS3057*A)	Yes ^o	Yes
G	Backshell, 1 piece	Yes ^o	Yes
J	Backshell, 2 piece (MS3057*B)	Yes	No
K	Backshell, 2 piece (MS3057*C)	Yes	No
L	Backshell, 2 piece (Bendix class E)	Yes	Yes
LCF	Extended length backshell	Yes	No
LCFZ	Extended length backshell	Yes	Yes
M	Shrink boot adapter	Yes ^o	No
MR	Shrink boot adapter, EMI/RFI	Yes	No
N	Shrink boot adapter	Yes ^o	Yes
NR	Shrink boot adapter, EMI/RFI	Yes	Yes
R	Grommet nut	Yes ^o	Yes
S	Potting boot	Yes	No
SV	Integrated backshell	Yes	No
T	Potting boot with ground lug	Yes	No
U	With rear accessory thread	Yes	No
Y	Without backend termination	Yes	No
Z	Without backend termination	No	No

^o Plug has "O" ring under coupling nut.



TABLE III. MATERIAL/FINISH

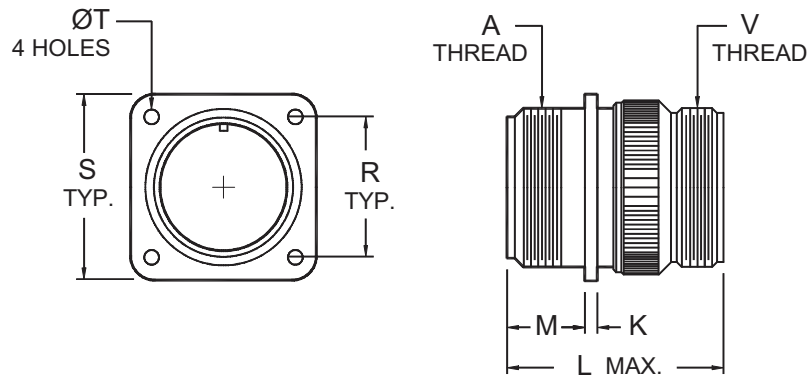
CODE	MATERIAL	FINISH
A	Aluminum	Black anodize
B	Aluminum	Black cadmium, 48 hr salt spray
C	Aluminum	Bright cadmium, 48 hr salt spray
D	Aluminum	Bright cadmium over electroless nickel, 500 hr salt spray
E	Aluminum	Bright cadmium over electroless nickel
F	Aluminum	Cadmium, gold iridite, 48 hr salt spray
G	Aluminum	Cadmium, gold iridite over electroless nickel, 500 hr salt spray
J	Aluminum	Olive drab cadmium, 48 hr salt spray
K	Aluminum	Olive drab cadmium over electroless nickel, 500 hr salt spray
L	Aluminum	Olive drab cadmium over electroless nickel
M	Aluminum	Electroless nickel
N	Aluminum	Hard anodize
P	303 stainless steel	Black cadmium
R	303 stainless steel	Electrodeposited nickel
S	303 stainless steel	Passivated
T	316 stainless steel	Passivated
Y	Aluminum	Zinc cobalt, olive drab color
Z	Aluminum	Zinc cobalt, black color

TABLE IV. MODIFICATION CODES

CODE	MODIFICATION
(A95)	Contacts gold plated per MIL-G-45204 Type II, Class 2 over nickel
(A134)	Contacts gold plated per MIL-G-45204 Type II, Class 2 over gold flash per MIL-G-45204 Type I over copper plate per MIL-C-14550, Class 4
(F0)	Connector less contacts
(F28)	Clinch nut mounting
(F42)	Less endbell, grommet and ferrule
(F74)	1/16" gaskets under coupling nut
(F80)	AWG crimp contacts supplied with but not installed in connector
(F123)	Connectors with #16 crimp contacts having #20 AWG wire accommodation
(H)	Hex coupling nut
(P)	Plastic insulator

WALL MOUNT RECEPTACLE

SCP00A, B, C



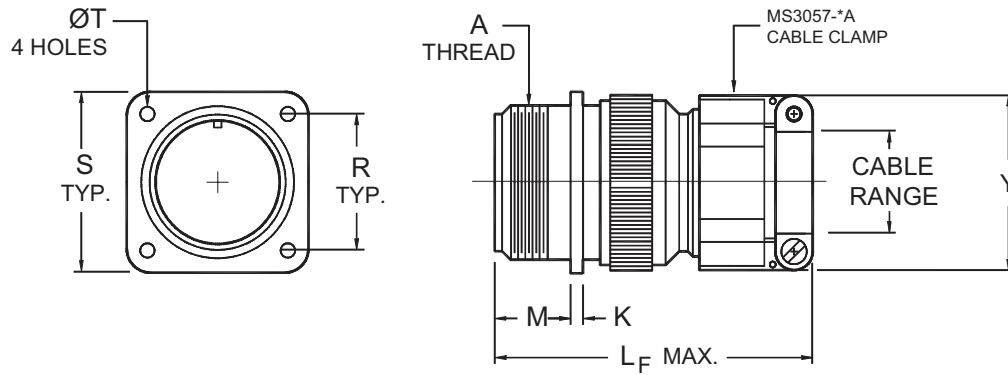
SCP00A* Threaded adapter, non-environmental, less grommet

SCP00B* Threaded adapter, environmental, with grommet

SCP00C* Threaded adapter, environmental, less grommet

SHELL SIZE	A COUPLING THREAD CLASS 2A	K		L MAX.	M +.031 -.000 [+0.79] [-0.00]	R ±.005 [±0.13]	S ±.031 [±0.79]	T +.010 -.005 [+0.25] [-0.13]	V ACCESSORY THREAD CLASS 2A
		MIN.	MAX.						
8S	1/2-28 UNEF	.156 [3.96]	.062 [1.57]	1.469 [37.31]	.562 [14.27]	.594 [15.09]	.875 [22.22]	.120 [3.05]	1/2-28 UNEF
10S	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	1.531 [38.89]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	1/2-28 UNEF
10SL	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	1.531 [38.89]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	5/8-24 UNEF
12	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	2.062 [52.37]	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	5/8-24 UNEF
12S	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	1.688 [42.88]	.562 [14.27]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	5/8-24 UNEF
14	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	2.062 [52.37]	.750 [19.05]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	3/4-20 UNEF
14S	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	1.688 [42.88]	.562 [14.27]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	3/4-20 UNEF
16	1-20 UNEF	.156 [3.96]	.062 [1.57]	2.062 [52.37]	.750 [19.05]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	7/8-20 UNEF
16S	1-20 UNEF	.156 [3.96]	.062 [1.57]	1.688 [42.88]	.562 [14.27]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	7/8-20 UNEF
18	1 1/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.062 [52.37]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]	1-20 UNEF
20	1 1/4-18 UNEF	.203 [5.16]	.094 [2.39]	2.188 [55.58]	.750 [19.05]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]	1 3/16-18 UNEF
22	1 3/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.188 [55.58]	.750 [19.05]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]	1 3/16-18 UNEF
24	1 1/2-18 UNEF	.203 [5.16]	.094 [2.39]	2.312 [58.72]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]	1 7/16-18 UNEF
28	1 3/4-18 UNS	.203 [5.16]	.094 [2.39]	2.312 [58.72]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]	1 7/16-18 UNEF
32	2-18 UNS	.359 [9.12]	.125 [3.17]	2.438 [61.93]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]	1 3/4-18 UNS
36	2 1/4-16 UN	.359 [9.12]	.125 [3.17]	2.438 [61.93]	.875 [22.22]	1.938 [49.23]	2.500 [63.50]	.173 [4.39]	2-18 UNS
40	2 1/2-16 UN	.359 [9.12]	.125 [3.17]	2.438 [61.93]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]	2 1/4-16 UN
44	2 3/4-16 UN	.359 [9.12]	.125 [3.17]	2.562 [65.07]	.875 [22.22]	2.375 [60.32]	3.000 [76.20]	.173 [4.39]	2 1/2-16 UN
48	3-16 UN	.359 [9.12]	.125 [3.17]	2.562 [65.07]	.875 [22.22]	2.625 [66.67]	3.250 [82.55]	.173 [4.39]	3-16 UN

Dimensions in brackets [] are in millimeters.



SCP00D* Two (2) piece backshell w/ MS3057*A clamp, environmental, less grommet

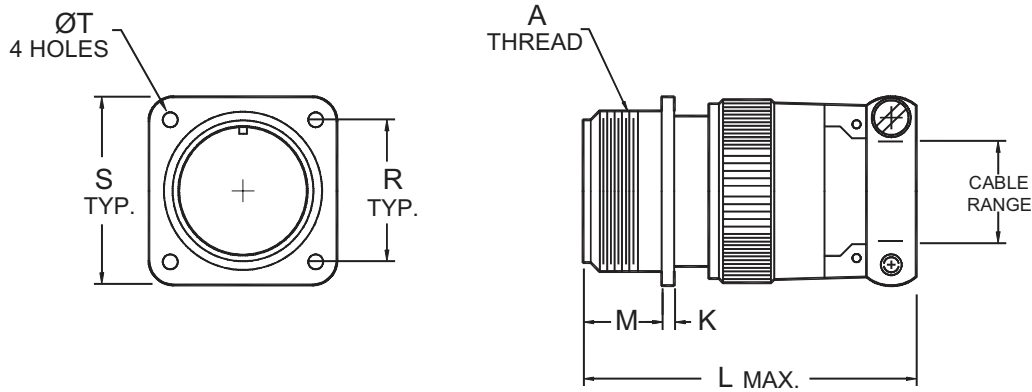
SCP00F* Two (2) piece backshell w/ MS3057*A clamp, environmental, with grommet®

SHELL SIZE	A COUPLING THREAD CLASS 2A	K		L _F MAX.	M +.031 -.000 [+0.79] [-0.00]	R ±.005 [±0.13]	S ±.031 [±0.79]	T +.010 -.005 [+0.25] [-0.13]	Y ±.020 [±0.51]	CABLE RANGE	
		MIN.	MAX.							OPEN	CLOSED
8S	1/2-28 UNEF	.156 [3.96]	.062 [1.57]	2.225 [56.52]	.562 [14.27]	.594 [15.09]	.875 [22.22]	.120 [3.05]	.825 [20.96]	.250 [6.35]	.125 [3.18]
10S	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	2.300 [58.42]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	.825 [20.96]	.250 [6.35]	.125 [3.18]
10SL	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	2.300 [58.42]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	.938 [23.83]	.312 [7.92]	.125 [3.18]
12	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	2.900 [73.66]	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	.938 [23.83]	.312 [7.92]	.125 [3.18]
12S	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	2.500 [63.50]	.562 [14.27]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	.938 [23.83]	.312 [7.92]	.125 [3.18]
14	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	2.900 [73.66]	.750 [19.05]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	1.125 [28.58]	.438 [11.13]	.250 [6.35]
14S	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	2.500 [63.50]	.562 [14.27]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	1.125 [28.58]	.438 [11.13]	.250 [6.35]
16	1-20 UNEF	.156 [3.96]	.062 [1.57]	2.900 [73.66]	.750 [19.05]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	1.312 [33.32]	.562 [14.27]	.312 [7.92]
16S	1-20 UNEF	.156 [3.96]	.062 [1.57]	2.500 [63.50]	.562 [14.27]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	1.312 [33.32]	.562 [14.27]	.312 [7.92]
18	1 1/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.900 [73.66]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]	1.312 [33.32]	.625 [15.88]	.350 [8.89]
20	1 1/4-18 UNEF	.203 [5.16]	.094 [2.39]	3.000 [76.20]	.750 [19.05]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]	1.531 [38.89]	.750 [19.05]	.500 [12.70]
22	1 3/8-18 UNEF	.203 [5.16]	.094 [2.39]	3.000 [76.20]	.750 [19.05]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]	1.531 [38.89]	.750 [19.05]	.500 [12.70]
24	1 1/2-18 UNEF	.203 [5.16]	.094 [2.39]	3.250 [82.55]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]	1.750 [44.45]	.938 [23.83]	.625 [15.88]
28	1 3/4-18 UNS	.203 [5.16]	.094 [2.39]	3.250 [82.55]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]	1.750 [44.45]	.938 [23.83]	.625 [15.88]
32	2-18 UNS	.359 [9.12]	.125 [3.17]	3.600 [91.44]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]	2.093 [53.16]	1.250 [31.75]	.875 [22.23]
36	2 1/4-16 UN	.359 [9.12]	.125 [3.17]	3.600 [91.44]	.875 [22.22]	1.938 [49.23]	2.500 [63.50]	.173 [4.39]	2.343 [59.51]	1.375 [34.93]	1.000 [25.40]
40	2 1/2-16 UN	.359 [9.12]	.125 [3.17]	3.900 [99.06]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]	2.750 [69.85]	1.625 [41.28]	1.250 [31.75]
44	2 3/4-16 UN	.359 [9.12]	.125 [3.17]	4.000 [101.60]	.875 [22.22]	2.375 [60.32]	3.000 [76.20]	.173 [4.39]	3.000 [76.20]	1.875 [47.63]	1.437 [36.50]
48	3-16 UN	.359 [9.12]	.125 [3.17]	4.225 [107.32]	.875 [22.22]	2.625 [66.67]	3.250 [82.55]	.173 [4.39]	3.530 [89.66]	2.375 [60.33]	1.650 [41.91]

Dimensions in brackets [] are in millimeters.
 ⊕ Plug has "O" ring under coupling nut.

WALL MOUNT RECEPTACLE

SCP00E, G



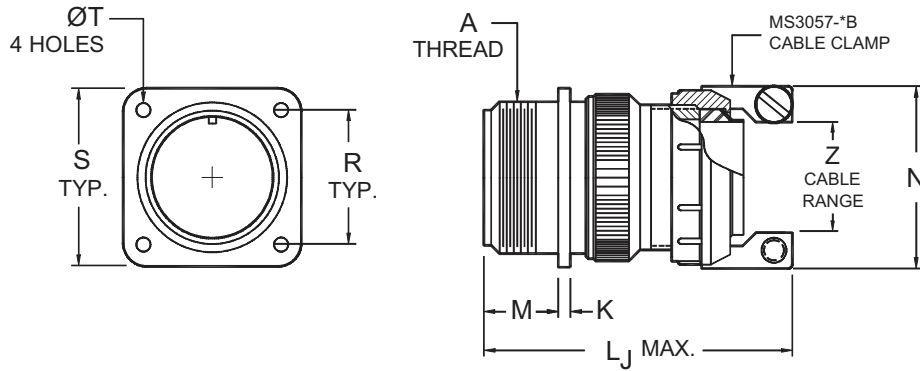
SCP00E* One (1) piece backshell, environmental, with grommet

SCP00G* One (1) piece backshell, environmental, with grommet[⊙]

SHELL SIZE	A COUPLING THREAD CLASS 2A	K		L MAX.	M +.031 -.000 [+0.79] [-0.00]	R ±.005 [±0.13]	S ±.031 [±0.79]	T +.010 -.005 [+0.25] [-0.13]	CABLE RANGE	
		MAX.	MIN.						OPEN	CLOSED
8S	1/2-28 UNEF	.156 [3.96]	.062 [1.57]	2.250 [57.15]	.562 [14.27]	.594 [15.09]	.875 [22.22]	.120 [3.05]	.250 [6.35]	.125 [3.18]
10S	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	2.250 [57.15]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	.250 [6.35]	.125 [3.18]
10SL	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	2.250 [57.15]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	.312 [7.92]	.125 [3.18]
12	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	2.625 [66.67]	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	.312 [7.92]	.125 [3.18]
12S	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	2.250 [57.15]	.562 [14.27]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	.312 [7.92]	.125 [3.18]
14	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	2.625 [66.67]	.750 [19.05]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	.438 [11.13]	.250 [6.35]
14S	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	2.250 [57.15]	.562 [14.27]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	.438 [11.13]	.250 [6.35]
16	1-20 UNEF	.156 [3.96]	.062 [1.57]	2.625 [66.67]	.750 [19.05]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	.562 [14.27]	.312 [7.92]
16S	1-20 UNEF	.156 [3.96]	.062 [1.57]	2.250 [57.15]	.562 [14.27]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	.562 [14.27]	.312 [7.92]
18	1 1/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.688 [68.28]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]	.625 [15.88]	.350 [8.89]
20	1 1/4-18 UNEF	.203 [5.16]	.094 [2.39]	2.750 [69.85]	.750 [19.05]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]	.750 [19.05]	.500 [12.70]
22	1 3/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.750 [69.85]	.750 [19.05]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]	.750 [19.05]	.500 [12.70]
24	1 1/2-18 UNEF	.203 [5.16]	.094 [2.39]	2.969 [75.41]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]	.938 [23.83]	.625 [15.88]
28	1 3/4-18 UNS	.203 [5.16]	.094 [2.39]	3.031 [76.99]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]	.938 [23.83]	.625 [15.88]
32	2-18 UNS	.359 [9.12]	.125 [3.17]	3.031 [76.99]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]	1.250 [31.75]	.875 [22.23]
36	2 1/4-16 UN	.359 [9.12]	.125 [3.17]	3.281 [83.34]	.875 [22.22]	1.938 [49.23]	2.500 [63.50]	.173 [4.39]	1.375 [34.93]	1.000 [25.40]
40	2 1/2-16 UN	.359 [9.12]	.125 [3.17]	3.500 [88.90]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]	1.625 [41.28]	1.250 [31.75]

Dimensions in brackets [] are in millimeters.

⊙ Plug has "O" ring under coupling nut.



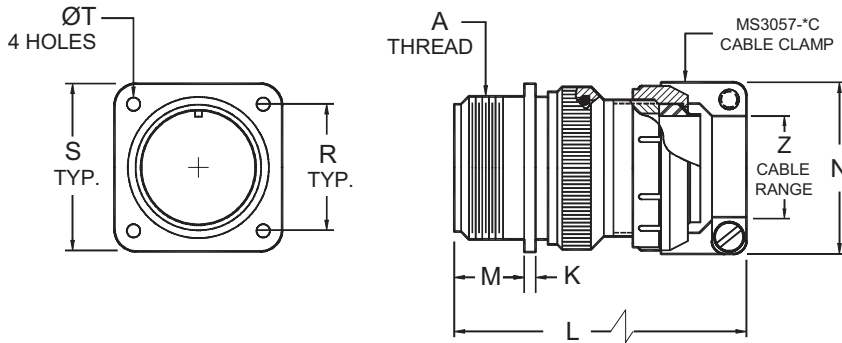
SCP00J* Two (2) piece backshell w/ MS3057*B clamp, environmental, less grommet

SHELL SIZE	A COUPLING THREAD CLASS 2A	K		L _J MAX.	M +.031 -.000 [+.079] [-0.00]	N MAX.	R ±.005 [±0.13]	S ±.031 [±0.79]	T +.010 -.005 [+.025] [-0.13]	CABLE CLAMP	Z CABLE RANGE	
		MIN.	MAX.								FREE	CLOSED
8S	1/2-28 UNEF	.156 [3.96]	.062 [1.57]	2.225 [56.52]	.562 [14.27]	.812 [20.62]	.594 [15.09]	.875 [22.22]	.120 [3.05]	MS3057-3B	.219 [5.56]	.031 [0.79]
10S	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	2.300 [58.42]	.562 [14.27]	.812 [20.62]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	MS3057-3B	.219 [5.56]	.031 [0.79]
10SL	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	2.300 [58.42]	.562 [14.27]	.937 [23.80]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	MS3057-4B	.312 [7.92]	.094 [2.39]
12	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	2.900 [73.66]	.750 [19.05]	.937 [23.80]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	MS3057-4B	.312 [7.92]	.094 [2.39]
12S	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	2.500 [63.50]	.562 [14.27]	.937 [23.80]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	MS3057-4B	.312 [7.92]	.094 [2.39]
14	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	2.900 [73.66]	.750 [19.05]	1.062 [26.97]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	MS3057-6B	.438 [11.13]	.250 [6.35]
14S	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	2.500 [63.50]	.562 [14.27]	1.062 [26.97]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	MS3057-6B	.438 [11.13]	.250 [6.35]
16	1-20 UNEF	.156 [3.96]	.062 [1.57]	2.900 [73.66]	.750 [19.05]	1.188 [30.18]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	MS3057-8B	.531 [13.49]	.312 [7.92]
16S	1-20 UNEF	.156 [3.96]	.062 [1.57]	2.500 [63.50]	.562 [14.27]	1.188 [30.18]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	MS3057-8B	.531 [13.49]	.312 [7.92]
18	1 1/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.900 [73.66]	.750 [19.05]	1.312 [33.32]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]	MS3057-10B	.625 [15.88]	.375 [9.52]
20	1 1/4-18 UNEF	.203 [5.16]	.094 [2.39]	3.000 [76.20]	.750 [19.05]	1.562 [39.67]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]	MS3057-12B	.750 [19.05]	.500 [12.70]
22	1 3/8-18 UNEF	.203 [5.16]	.094 [2.39]	3.000 [76.20]	.750 [19.05]	1.562 [39.67]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]	MS3057-12B	.750 [19.05]	.500 [12.70]
24	1 1/2-18 UNEF	.203 [5.16]	.094 [2.39]	3.250 [82.55]	.812 [20.62]	1.750 [44.45]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]	MS3057-16B	.938 [23.83]	.594 [15.09]
28	1 3/4-18 UNS	.203 [5.16]	.094 [2.39]	3.250 [82.55]	.812 [20.62]	1.750 [44.45]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]	MS3057-16B	.938 [23.83]	.594 [15.09]
32	2-18 UNS	.359 [9.12]	.125 [3.17]	3.600 [91.44]	.875 [22.22]	2.250 [57.15]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]	MS3057-20B	1.250 [31.75]	.938 [23.83]
36	2 1/4-16 UN	.359 [9.12]	.125 [3.17]	3.600 [91.44]	.875 [22.22]	2.375 [60.33]	1.938 [49.23]	2.500 [63.50]	.173 [4.39]	MS3057-24B	1.375 [34.93]	.969 [24.61]
40	2 1/2-16 UN	.359 [9.12]	.125 [3.17]	3.900 [99.06]	.875 [22.22]	2.625 [66.68]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]	MS3057-28B	1.625 [41.28]	1.188 [30.18]
44	2 3/4-16 UN	.359 [9.12]	.125 [3.17]	4.000 [101.60]	.875 [22.22]	2.812 [71.42]	2.375 [60.32]	3.000 [76.20]	.173 [4.39]	MS3057-32B	1.875 [47.63]	1.375 [34.93]
48	3-16 UN	.359 [9.12]	.125 [3.17]	4.225 [107.32]	.875 [22.22]	3.312 [84.12]	2.625 [66.67]	3.250 [82.55]	.173 [4.39]	MS3057-40B	2.375 [60.33]	1.875 [47.63]

Dimensions in brackets [] are in millimeters.

WALL MOUNT RECEPTACLE

SCP00K, LCF, LFCZ

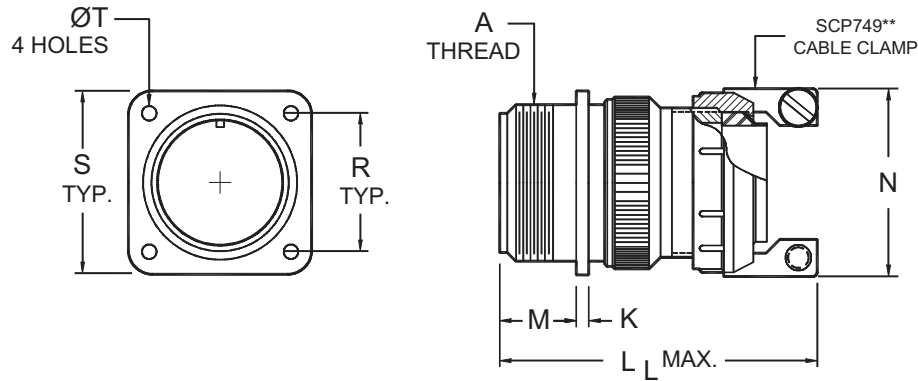


- SCP00K*** Two (2) piece backshell w/ MS3057*C clamp, environmental, less grommet
- SCP00LCF*** Extended length backshell, environmental, less grommet
- SCP00LCFZ*** Extended length backshell, environmental, with grommet

SHELL SIZE	A COUPLING THREAD CLASS 2A	K		L MAX.		M + .031 -.000 [+0.79] [-0.00]	N MAX.	R ±.005 [±0.13]	S ±.031 [±0.79]	T + .010 -.005 [+0.25] [-0.13]	CABLE CLAMP	Z CABLE RANGE	
		MIN.	MAX.	K SERIES	LCF SERIES							FREE	CLOSED
8S	1/2-28 UNEF	.156 [3.96]	.062 [1.57]	2.225 [56.52]	4.00 [101.6]	.562 [14.27]	.812 [20.62]	.594 [15.09]	.875 [22.22]	.120 [3.05]	MS3057-3C	.219 [5.56]	.031 [0.79]
10S	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	2.300 [58.42]	4.00 [101.6]	.562 [14.27]	.812 [20.62]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	MS3057-3C	.219 [5.56]	.031 [0.79]
10SL	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	2.300 [58.42]	4.00 [101.6]	.562 [14.27]	.937 [23.80]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	MS3057-4C	.312 [7.92]	.094 [2.39]
12	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	2.900 [73.66]	4.50 [114.0]	.750 [19.05]	.937 [23.80]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	MS3057-4C	.312 [7.92]	.094 [2.39]
12S	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	2.500 [63.50]	4.00 [101.6]	.562 [14.27]	.937 [23.80]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	MS3057-4C	.312 [7.92]	.094 [2.39]
14	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	2.900 [73.66]	4.50 [114.0]	.750 [19.05]	1.062 [26.97]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	MS3057-6C	.438 [11.13]	.250 [6.35]
14S	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	2.500 [63.50]	4.00 [101.6]	.562 [14.27]	1.062 [26.97]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	MS3057-6C	.438 [11.13]	.250 [6.35]
16	1-20 UNEF	.156 [3.96]	.062 [1.57]	2.900 [73.66]	4.50 [114.0]	.750 [19.05]	1.188 [30.18]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	MS3057-8C	.531 [13.49]	.312 [7.92]
16S	1-20 UNEF	.156 [3.96]	.062 [1.57]	2.500 [63.50]	4.00 [101.6]	.562 [14.27]	1.188 [30.18]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	MS3057-8C	.531 [13.49]	.312 [7.92]
18	1 1/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.900 [73.66]	4.69 [119.0]	.750 [19.05]	1.312 [33.32]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]	MS3057-10C	.625 [15.88]	.375 [9.52]
20	1 1/4-18 UNEF	.203 [5.16]	.094 [2.39]	3.000 [76.20]	4.69 [119.0]	.750 [19.05]	1.562 [39.67]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]	MS3057-12C	.750 [19.05]	.500 [12.70]
22	1 3/8-18 UNEF	.203 [5.16]	.094 [2.39]	3.000 [76.20]	4.69 [119.0]	.750 [19.05]	1.562 [39.67]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]	MS3057-12C	.750 [19.05]	.500 [12.70]
24	1 1/2-18 UNEF	.203 [5.16]	.094 [2.39]	3.250 [82.55]	4.90 [124.2]	.812 [20.62]	1.750 [44.45]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]	MS3057-16C	.938 [23.83]	.594 [15.09]
28	1 3/4-18 UNS	.203 [5.16]	.094 [2.39]	3.250 [82.55]	5.13 [130.0]	.812 [20.62]	1.750 [44.45]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]	MS3057-16C	.938 [23.83]	.594 [15.09]
32	2-18 UNS	.359 [9.12]	.125 [3.17]	3.600 [91.44]	5.39 [137.0]	.875 [22.22]	2.250 [57.15]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]	MS3057-20C	1.250 [31.75]	.938 [23.83]
36	2 1/4-16 UN	.359 [9.12]	.125 [3.17]	3.600 [91.44]	5.67 [144.0]	.875 [22.22]	2.375 [60.33]	1.938 [49.23]	2.500 [63.50]	.173 [4.39]	MS3057-24C	1.375 [34.93]	.969 [24.61]
40	2 1/2-16 UN	.359 [9.12]	.125 [3.17]	3.900 [99.06]	5.67 [144.0]	.875 [22.22]	2.625 [66.68]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]	MS3057-28C	1.625 [41.28]	1.188 [30.18]
44	2 3/4-16 UN	.359 [9.12]	.125 [3.17]	4.000 [101.60]	*	.875 [22.22]	2.812 [71.42]	2.375 [60.32]	3.000 [76.20]	.173 [4.39]	MS3057-32C	1.875 [47.63]	1.375 [34.93]
48	3-16 UN	.359 [9.12]	.125 [3.17]	4.225 [107.32]	*	.875 [22.22]	3.312 [84.12]	2.625 [66.67]	3.250 [82.55]	.173 [4.39]	MS3057-40C	2.375 [60.33]	1.875 [47.63]

Dimensions in brackets [] are in millimeters.

* Consult Factory



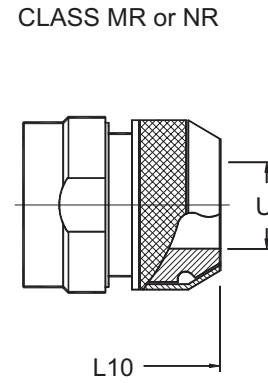
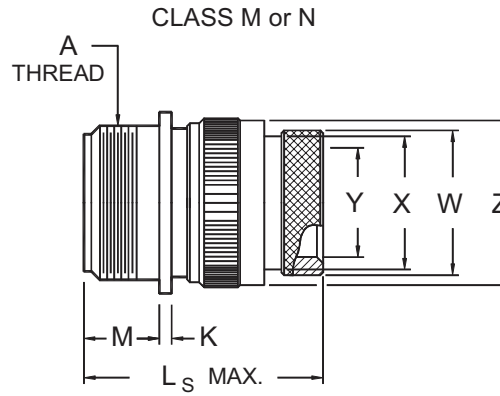
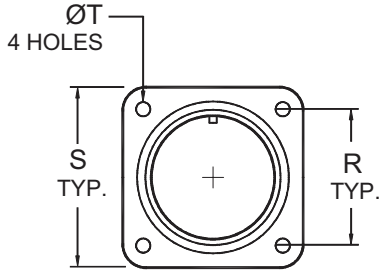
SCP00L* Two (2) piece backshell w/ SCP749 clamp, environmental, with grommet**

SHELL SIZE	A COUPLING THREAD CLASS 2A	K		L _L MAX.	M +.031 -.000 [+0.79] [-0.00]	N MAX.	R ±.005 [±0.13]	S ±.031 [±0.79]	T +.010 -.005 [+0.25] [-0.13]	CABLE CLAMP
		MIN.	MAX.							
8S	1/2-28 UNEF	.156 [3.96]	.062 [1.57]	2.225 [56.52]	.562 [14.27]	.807 [20.50]	.594 [15.09]	.875 [22.22]	.120 [3.05]	SCP74908-*
10S	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	2.300 [58.42]	.562 [14.27]	.807 [20.50]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	SCP74910-*
10SL	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	2.300 [58.42]	.562 [14.27]	.901 [22.89]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	SCP74911-*
12	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	2.900 [73.66]	.750 [19.05]	.901 [22.89]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	SCP74912-*
12S	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	2.500 [63.50]	.562 [14.27]	.901 [22.89]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	SCP74913-*
14	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	2.900 [73.66]	.750 [19.05]	1.026 [26.06]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	SCP74914-*
14S	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	2.500 [63.50]	.562 [14.27]	1.026 [26.06]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	SCP74915-*
16	1-20 UNEF	.156 [3.96]	.062 [1.57]	2.900 [73.66]	.750 [19.05]	1.119 [28.42]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	SCP74916-*
16S	1-20 UNEF	.156 [3.96]	.062 [1.57]	2.500 [63.50]	.562 [14.27]	1.119 [28.42]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	SCP74917-*
18	1 1/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.900 [73.66]	.750 [19.05]	1.229 [31.22]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]	SCP74918-*
20	1 1/4-18 UNEF	.203 [5.16]	.094 [2.39]	3.000 [76.20]	.750 [19.05]	1.479 [37.57]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]	SCP74920-*
22	1 3/8-18 UNEF	.203 [5.16]	.094 [2.39]	3.000 [76.20]	.750 [19.05]	1.479 [37.57]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]	SCP74922-*
24	1 1/2-18 UNEF	.203 [5.16]	.094 [2.39]	3.250 [82.55]	.812 [20.62]	1.666 [42.32]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]	SCP74924-*
28	1 3/4-18 UNS	.203 [5.16]	.094 [2.39]	3.250 [82.55]	.812 [20.62]	1.666 [42.32]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]	SCP74928-*
32	2-18 UNS	.359 [9.12]	.125 [3.17]	3.600 [91.44]	.875 [22.22]	2.135 [54.23]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]	SCP74932-*
36	2 1/4-16 UN	.359 [9.12]	.125 [3.17]	3.600 [91.44]	.875 [22.22]	2.260 [57.40]	1.938 [49.23]	2.500 [63.50]	.173 [4.39]	SCP74936-*
40	2 1/2-16 UN	.359 [9.12]	.125 [3.17]	3.900 [99.06]	.875 [22.22]	2.510 [63.75]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]	SCP74940-*
44	2 3/4-16 UN	.359 [9.12]	.125 [3.17]	4.000 [101.60]	.875 [22.22]	2.812 [71.42]	2.375 [60.32]	3.000 [76.20]	.173 [4.39]	SCP74944-*
48	3-16 UN	.359 [9.12]	.125 [3.17]	4.225 [107.32]	.875 [22.22]	3.312 [84.12]	2.625 [66.67]	3.250 [82.55]	.173 [4.39]	SCP74948-*

Dimensions in brackets [] are in millimeters.

WALL MOUNT RECEPTACLE

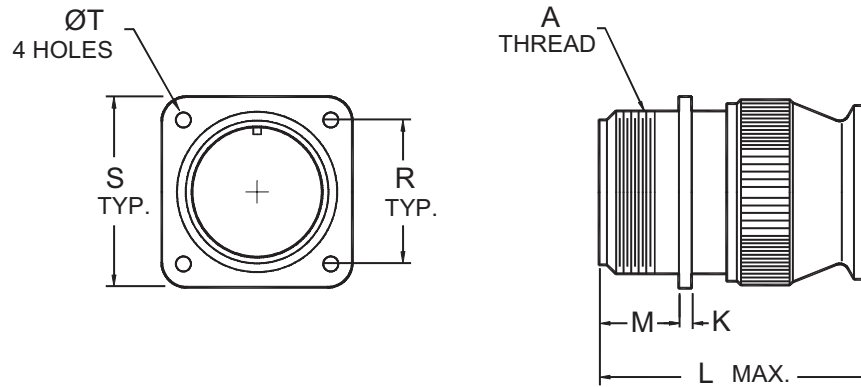
SCP00M, N
SCP00MR, NR



- SCP00M* Shrink boot adapter, environmental, less grommet[Ⓞ]
 SCP00MR* Shrink boot adapter, EMI/RFI, environmental, less grommet[Ⓞ]
 SCP00N* Shrink boot adapter, environmental, with grommet[Ⓞ]
 SCP00NR* Shrink boot adapter, EMI/RFI, environmental, with grommet[Ⓞ]

SHELL SIZE	A COUPLING THREAD CLASS 2A	K		L _S MAX.	L ₁₀ MAX.	M +.031 -.000 [+0.79] [-0.00]	R ±.005 [±0.13]	S ±.031 [±0.79]	T +.010 -.005 [+0.25] [-0.13]	U MAX.	W ±.008 [±0.20]	X MAX.	Y ±.004 [±0.10]	Z ±.008 [±0.20]
		MIN.	MAX.											
8S	1/2-28 UNEF	.156 [3.96]	.062 [1.57]	CONSULT SALES	CONSULT SALES	.562 [14.27]	.594 [15.09]	.875 [22.22]	.120 [3.05]	CONSULT SALES	-	-	-	-
10S	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	2.140 [54.36]	CONSULT SALES	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	CONSULT SALES	.605 [15.37]	.524 [13.30]	.669 [17.00]	.734 [18.64]
10SL	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	2.140 [54.36]	2.047 [52.20]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	.338 [8.60]	.605 [15.37]	.524 [13.30]	.311 [7.90]	.734 [18.64]
12	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	2.612 [66.34]	2.480 [63.30]	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	.378 [9.60]	.774 [19.66]	.524 [13.30]	.311 [7.90]	.858 [21.79]
12S	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	2.140 [54.36]	2.047 [52.20]	.562 [14.27]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	.378 [9.60]	.774 [19.66]	.524 [13.30]	.311 [7.90]	.858 [21.79]
14	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	2.612 [66.34]	2.480 [63.30]	.750 [19.05]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	.417 [10.60]	.838 [21.29]	.669 [17.00]	.425 [10.80]	.984 [24.99]
14S	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	2.140 [54.36]	2.047 [52.20]	.562 [14.27]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	.417 [10.60]	.838 [21.29]	.669 [17.00]	.425 [10.80]	.984 [24.99]
16	1-20 UNEF	.156 [3.96]	.062 [1.57]	2.612 [66.34]	2.480 [63.30]	.750 [19.05]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	.531 [13.50]	.963 [24.46]	.862 [21.90]	.539 [13.70]	1.112 [28.24]
16S	1-20 UNEF	.156 [3.96]	.062 [1.57]	2.140 [54.36]	2.134 [54.20]	.562 [14.27]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	.531 [13.50]	.963 [24.46]	.862 [21.90]	.539 [13.70]	1.112 [28.24]
18	1 1/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.612 [66.34]	2.540 [64.50]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]	.575 [14.60]	1.042 [26.47]	.885 [22.48]	.583 [14.80]	1.218 [30.94]
20	1 1/4-18 UNEF	.203 [5.16]	.094 [2.39]	2.809 [71.35]	2.540 [64.50]	.750 [19.05]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]	.728 [18.50]	1.217 [30.91]	1.039 [26.39]	.744 [18.90]	1.345 [34.16]
22	1 3/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.809 [71.35]	2.540 [64.50]	.750 [19.05]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]	.819 [20.80]	1.355 [34.42]	1.129 [28.68]	.827 [21.00]	1.468 [37.29]
24	1 1/2-18 UNEF	.203 [5.16]	.094 [2.39]	2.809 [71.35]	2.567 [65.20]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]	.969 [24.60]	1.433 [36.40]	1.247 [31.67]	.976 [24.80]	1.593 [40.46]
28	1 3/4-18 UNS	.203 [5.16]	.094 [2.39]	2.809 [71.35]	2.567 [65.20]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]	1.063 [27.00]	1.709 [43.41]	1.409 [35.79]	1.071 [27.20]	1.969 [50.01]
32	2-18 UNS	.359 [9.12]	.125 [3.17]	3.006 [76.35]	2.630 [66.80]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]	1.131 [33.30]	1.919 [48.74]	1.692 [42.98]	1.319 [33.50]	2.219 [56.36]
36	2 1/4-16 UN	.359 [9.12]	.125 [3.17]	3.203 [81.36]	2.630 [66.80]	.875 [22.22]	1.938 [49.23]	2.500 [63.50]	.173 [4.39]	1.516 [38.50]	2.169 [55.09]	1.948 [49.48]	1.524 [38.70]	2.469 [62.71]
40	2 1/2-16 UN	.359 [9.12]	.125 [3.17]	3.281 [83.34]	2.630 [66.80]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]	1.811 [46.00]	2.402 [61.01]	2.184 [55.47]	1.898 [48.20]	2.719 [69.06]

Dimensions in brackets [] are in millimeters.
 Ⓞ Plug has "O" ring under coupling nut.



SCP00R* Grommet nut, environmental, with grommet®

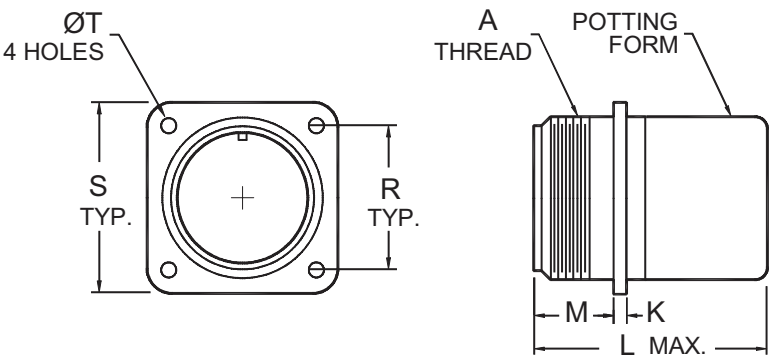
SHELL SIZE	A COUPLING THREAD CLASS 2A	K		L MAX.	M +.031 -.000 [+0.79] [-0.00]	R ±.005 [±0.13]	S ±.031 [±0.79]	T +.010 -.005 [+0.25] [-0.13]
		MAX.	MIN.					
8S	1/2-28 UNEF	.156 [3.96]	.062 [1.57]	1.838 [46.69]	.562 [14.27]	.594 [15.09]	.875 [22.22]	.120 [3.05]
10S	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	1.838 [46.69]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
10SL	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	1.838 [46.69]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
12	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	2.181 [55.40]	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
12S	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	1.838 [46.69]	.562 [14.27]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
14	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	2.181 [55.40]	.750 [19.05]	.906 [23.01]	1.188 [30.18]	.120 [3.05]
14S	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	1.838 [46.69]	.562 [14.27]	.906 [23.01]	1.188 [30.18]	.120 [3.05]
16	1-20 UNEF	.156 [3.96]	.062 [1.57]	2.181 [55.40]	.750 [19.05]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
16S	1-20 UNEF	.156 [3.96]	.062 [1.57]	1.838 [46.69]	.562 [14.27]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
18	1 1/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.281 [57.94]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]
20	1 1/4-18 UNEF	.203 [5.16]	.094 [2.39]	2.281 [57.94]	.750 [19.05]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]
22	1 3/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.281 [57.94]	.750 [19.05]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]
24	1 1/2-18 UNEF	.203 [5.16]	.094 [2.39]	2.281 [57.94]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]
28	1 3/4-18 UNS	.203 [5.16]	.094 [2.39]	2.281 [57.94]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]
32	2-18 UNS	.359 [9.12]	.125 [3.17]	2.322 [58.98]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]
36	2 1/4-16 UN	.359 [9.12]	.125 [3.17]	2.322 [58.98]	.875 [22.22]	1.938 [49.23]	2.500 [63.50]	.173 [4.39]
40	2 1/2-16 UN	.359 [9.12]	.125 [3.17]	2.322 [58.98]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]

Dimensions in brackets [] are in millimeters.

⊙ Plug has "O" ring under coupling nut.

WALL MOUNT RECEPTACLE

SCP00S



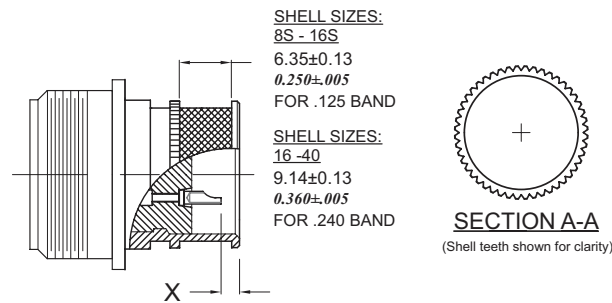
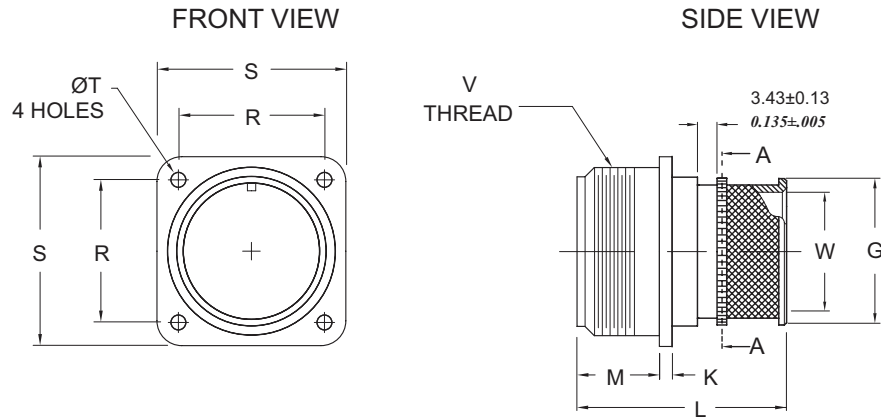
SCP00S* Potting boot, environmental, less grommet

SHELL SIZE	A COUPLING THREAD CLASS 2A	K		L MAX.	M +.031 -.000 [+0.79] [-0.00]	R ±.005 [±0.13]	S ±.031 [±0.79]	T +.010 -.005 [+0.25] [-0.13]
		MIN.	MAX.					
8S	1/2-28 UNEF	.156 [3.96]	.062 [1.57]	1.531 [38.89]	.562 [14.27]	.594 [15.09]	.875 [22.22]	.120 [3.05]
10S	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	1.531 [38.89]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
10SL	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	1.531 [38.89]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
12	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	1.968 [49.99]	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
12S	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	1.531 [38.89]	.562 [14.27]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
14	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	1.968 [49.99]	.750 [19.05]	.906 [23.01]	1.188 [30.18]	.120 [3.05]
14S	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	1.531 [38.89]	.562 [14.27]	.906 [23.01]	1.188 [30.18]	.120 [3.05]
16	1-20 UNEF	.156 [3.96]	.062 [1.57]	1.968 [49.99]	.750 [19.05]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
16S	1-20 UNEF	.156 [3.96]	.062 [1.57]	1.531 [38.89]	.562 [14.27]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
18	1 1/8-18 UNEF	.203 [5.16]	.094 [2.39]	1.968 [49.99]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]
20	1 1/4-18 UNEF	.203 [5.16]	.094 [2.39]	2.188 [55.58]	.750 [19.05]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]
22	1 3/8-18 UNEF	.203 [5.16]	.094 [2.39]	2.188 [55.58]	.750 [19.05]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]
24	1 1/2-18 UNEF	.203 [5.16]	.094 [2.39]	2.188 [55.58]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]
28	1 3/4-18 UNS	.203 [5.16]	.094 [2.39]	2.188 [55.58]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]
32	2-18 UNS	.359 [9.12]	.125 [3.17]	2.188 [55.58]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]
36	2 1/4-16 UN	.359 [9.12]	.125 [3.17]	2.188 [55.58]	.875 [22.22]	1.938 [49.23]	2.500 [63.50]	.173 [4.39]
40	2 1/2-16 UN	.359 [9.12]	.125 [3.17]	2.188 [55.58]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]
44	2 3/4-16 UN	.359 [9.12]	.125 [3.17]	-	.875 [22.22]	2.375 [60.32]	3.000 [76.20]	.173 [4.39]
48	3-16 UN	.359 [9.12]	.125 [3.17]	-	.875 [22.22]	2.625 [66.67]	3.250 [82.55]	.173 [4.39]

Dimensions in brackets [] are in millimeters.

SOLDER CONTACTS (MS3100) WALL MOUNT RECEPTACLE SCP00SV

1A



SHELL SIZE	X ±.016 [±0.4]	
	.240 BAND	.125 BAND
8S	—	* / *
10SL	—	5.3 / 0.210
10S	—	* / *
12S	—	5.3 / 0.210
12	—	9.8 / 0.385
14S	—	5.3 / 0.210
14	—	9.8 / 0.385
16S	—	5.3 / 0.210
16	1.15 / 0.045	—
18	1.9 / 0.075	—
20	1.9 / 0.075	—
22	1.9 / 0.075	—
24	3.7 / 0.145	—
28	3.7 / 0.145	—
32	5.3 / 0.210	—
36	5.3 / 0.210	—
40	5.3 / 0.210	—

SCP00SV* Environmental, no grommet

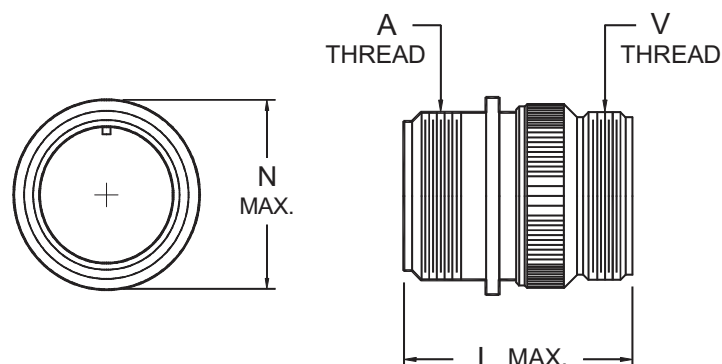
SHELL SIZE	FRONT VIEW			SIDE VIEW						
	R ±.005 [±0.13]	S ±.031 [±0.79]	T +.010 [+0.25] -.005 [-0.13]	G MAX	K		L MAX	M +.031 [+0.79] -.000 [-0.00]	W MIN	V THREAD CLASS 2A
					MIN	MAX				
8S	0.594 [15.09]	0.875 [22.22]	0.120 [3.05]	*	0.062 [1.57]	0.156 [3.96]	*	0.562 [14.27]	*	.500-28 UNEF
10SL	0.719 [18.26]	1.000 [25.40]	0.120 [3.05]	0.632 [16.10]	0.062 [1.57]	0.156 [3.96]	1.300 [33.02]	0.562 [14.27]	0.475 [12.10]	.625-24 UNEF
10S	0.719 [18.26]	1.000 [25.40]	0.120 [3.05]	0.632 [16.10]	0.062 [1.57]	0.156 [3.96]	*	0.562 [14.27]	0.475 [12.10]	.625-24 UNEF
12S	0.812 [20.62]	1.094 [27.79]	0.120 [3.05]	0.632 [16.10]	0.062 [1.57]	0.156 [3.96]	1.300 [33.02]	0.562 [14.27]	0.475 [12.10]	.750-20 UNEF
12	0.812 [20.62]	1.094 [27.79]	0.120 [3.05]	0.632 [16.10]	0.062 [1.57]	0.156 [3.96]	1.475 [37.47]	0.750 [19.05]	0.475 [12.10]	.750-20 UNEF
14S	0.906 [23.01]	1.188 [30.18]	0.120 [3.05]	0.755 [19.20]	0.062 [1.57]	0.156 [3.96]	1.300 [33.02]	0.562 [14.27]	0.605 [15.40]	.875-20 UNEF
14	0.906 [23.01]	1.188 [30.18]	0.120 [3.05]	0.755 [19.20]	0.062 [1.57]	0.156 [3.96]	1.475 [37.47]	0.750 [19.05]	0.605 [15.40]	.875-20 UNEF
16S	0.969 [24.61]	1.281 [32.54]	0.120 [3.05]	0.880 [22.40]	0.062 [1.57]	0.156 [3.96]	1.300 [33.02]	0.562 [14.27]	0.735 [18.70]	1.000-20 UNEF
16	0.969 [24.61]	1.281 [32.54]	0.120 [3.05]	0.880 [22.40]	0.062 [1.57]	0.156 [3.96]	1.585 [40.26]	0.750 [19.05]	0.735 [18.70]	1.000-20 UNEF
18	1.062 [26.97]	1.375 [34.92]	0.120 [3.05]	1.005 [25.50]	0.094 [2.39]	0.203 [5.16]	1.615 [41.02]	0.750 [19.05]	0.860 [21.90]	1.125-18 UNEF
20	1.156 [29.36]	1.500 [38.10]	0.120 [3.05]	1.130 [28.70]	0.094 [2.39]	0.203 [5.16]	1.615 [41.02]	0.750 [19.05]	0.975 [24.80]	1.250-18 UNEF
22	1.250 [31.75]	1.625 [41.27]	0.120 [3.05]	1.255 [31.90]	0.094 [2.39]	0.203 [5.16]	1.615 [41.02]	0.750 [19.05]	1.105 [28.10]	1.375-18 UNEF
24	1.375 [34.92]	1.750 [44.45]	0.147 [3.73]	1.380 [35.10]	0.094 [2.39]	0.203 [5.16]	1.685 [42.80]	0.812 [20.62]	1.230 [31.20]	1.500-18 UNEF
28	1.562 [39.67]	2.000 [50.80]	0.147 [3.73]	1.630 [41.40]	0.094 [2.39]	0.203 [5.16]	1.685 [42.80]	0.812 [20.62]	1.415 [35.90]	1.750-18 UNS
32	1.750 [44.45]	2.250 [57.15]	0.173 [4.39]	1.880 [47.80]	0.125 [3.17]	0.359 [9.12]	1.750 [44.45]	0.875 [22.22]	1.695 [43.10]	2.000-18 UNS
36	1.938 [49.23]	2.500 [63.50]	0.173 [4.39]	2.067 [52.50]	0.125 [3.17]	0.359 [9.12]	1.750 [44.45]	0.875 [22.22]	1.890 [48.00]	2.250-16 UN
40	2.188 [55.58]	2.750 [69.85]	0.173 [4.39]	2.317 [58.90]	0.125 [3.17]	0.359 [9.12]	1.750 [44.45]	0.875 [22.22]	2.120 [53.80]	2.500-16 UN

Dimensions in brackets [] are in millimeters.

* Consult Factory

IN-LINE RECEPTACLE

SCP01A, B, C



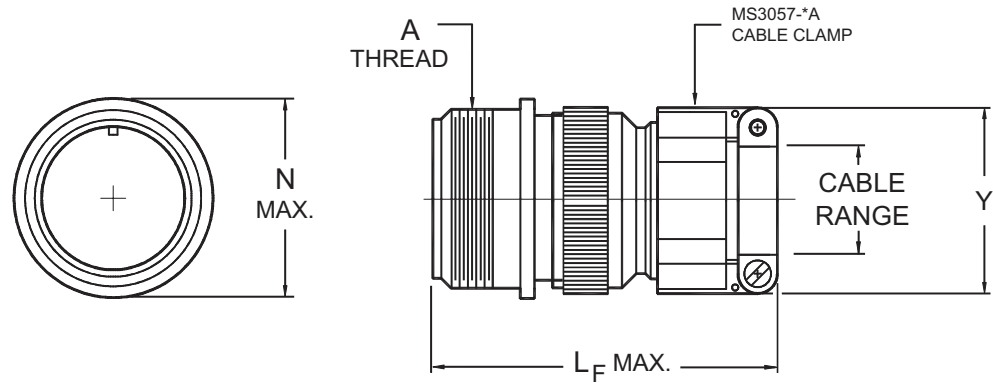
SCP01A* Threaded adapter, non-environmental, less grommet

SCP01B* Threaded adapter, environmental, with grommet

SCP01C* Threaded adapter, environmental, less grommet

SHELL SIZE	A COUPLING THREAD CLASS 2A	L MAX.	N MAX.	V ACCESSORY THREAD CLASS 2A
8S	1/2-28 UNEF	1.469 [37.31]	.844 [21.44]	1/2-28 UNEF
10S	5/8-24 UNEF	1.531 [38.89]	.969 [24.61]	1/2-28 UNEF
10SL	5/8-24 UNEF	1.531 [38.89]	1.062 [26.97]	5/8-24 UNEF
12	3/4-20 UNEF	1.688 [42.88]	1.062 [26.97]	5/8-24 UNEF
12S	3/4-20 UNEF	1.688 [42.88]	1.062 [26.97]	5/8-24 UNEF
14	7/8-20 UNEF	2.062 [52.37]	1.156 [29.36]	3/4-20 UNEF
14S	7/8-20 UNEF	1.688 [42.88]	1.156 [29.36]	3/4-20 UNEF
16	1-20 UNEF	2.062 [52.37]	1.250 [31.75]	7/8-20 UNEF
16S	1-20 UNEF	1.688 [42.88]	1.250 [31.75]	7/8-20 UNEF
18	1 1/8-18 UNEF	2.062 [52.37]	1.344 [34.14]	1-20 UNEF
20	1 1/4-18 UNEF	2.188 [55.58]	1.496 [38.00]	1 3/16-18 UNEF
22	1 3/8-18 UNEF	2.188 [55.58]	1.594 [40.49]	1 3/16-18 UNEF
24	1 1/2-18 UNEF	2.312 [58.72]	1.719 [43.66]	1 7/16-18 UNEF
28	1 3/4-18 UNS	2.312 [58.72]	1.969 [50.01]	1 7/16-18 UNEF
32	2-18 UNS	2.438 [61.93]	2.219 [56.36]	1 3/4-18 UNS
36	2 1/4-16 UN	2.438 [61.93]	2.469 [62.71]	2-18 UNS
40	2 1/2-16 UN	2.438 [61.93]	2.719 [69.06]	2 1/4-16 UN
44	2 3/4-16 UN	2.562 [65.07]	2.969 [75.41]	2 1/2-16 UN
48	3-16 UN	2.562 [65.07]	3.219 [81.76]	3-16 UN

Dimensions in brackets [] are in millimeters.



SCP01D* Two (2) piece backshell w/ MS3057*A clamp, environmental, less grommet

SCP01F* Two (2) piece backshell w/ MS3057*A clamp, environmental, with grommet[®]

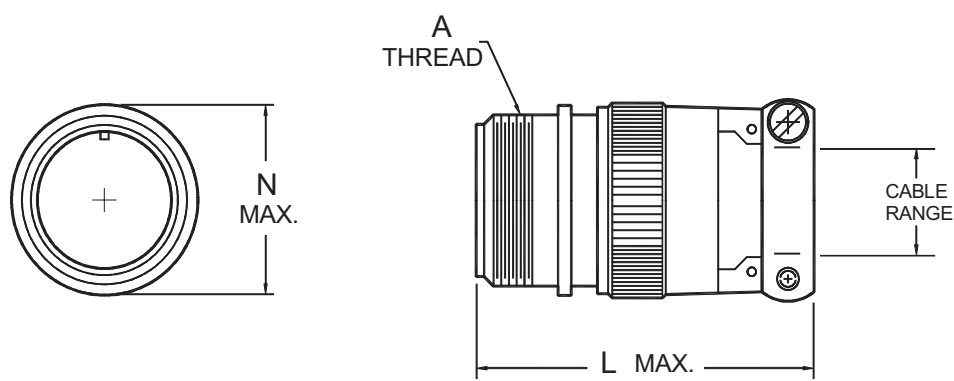
SHELL SIZE	A COUPLING THREAD CLASS 2A	LF MAX.	N MAX.	Y ±.020 [±0.51]	CABLE RANGE	
					OPEN	CLOSED
8S	1/2-28 UNEF	2.225 [56.52]	.844 [21.44]	.825 [20.96]	.250 [6.35]	.125 [3.18]
10S	5/8-24 UNEF	2.300 [58.42]	.969 [24.61]	.825 [20.96]	.250 [6.35]	.125 [3.18]
10SL	5/8-24 UNEF	2.300 [58.42]	1.062 [26.97]	.938 [23.83]	.312 [7.92]	.125 [3.18]
12	3/4-20 UNEF	2.900 [73.66]	1.062 [26.97]	.938 [23.83]	.312 [7.92]	.125 [3.18]
12S	3/4-20 UNEF	2.500 [63.50]	1.062 [26.97]	.938 [23.83]	.312 [7.92]	.125 [3.18]
14	7/8-20 UNEF	2.900 [73.66]	1.156 [29.36]	1.125 [28.58]	.438 [11.13]	.250 [6.35]
14S	7/8-20 UNEF	2.500 [63.50]	1.156 [29.36]	1.125 [28.58]	.438 [11.13]	.250 [6.35]
16	1-20 UNEF	2.900 [73.66]	1.250 [31.75]	1.312 [33.32]	.562 [14.27]	.312 [7.92]
16S	1-20 UNEF	2.500 [63.50]	1.250 [31.75]	1.312 [33.32]	.562 [14.27]	.312 [7.92]
18	1 1/8-18 UNEF	2.900 [73.66]	1.344 [34.14]	1.312 [33.32]	.625 [15.88]	.350 [8.89]
20	1 1/4-18 UNEF	3.000 [76.20]	1.496 [38.00]	1.531 [38.89]	.750 [19.05]	.500 [12.70]
22	1 3/8-18 UNEF	3.000 [76.20]	1.594 [40.49]	1.531 [38.89]	.750 [19.05]	.500 [12.70]
24	1 1/2-18 UNEF	3.250 [82.55]	1.719 [43.66]	1.750 [44.45]	.938 [23.83]	.625 [15.88]
28	1 3/4-18 UNS	3.250 [82.55]	1.969 [50.01]	1.750 [44.45]	.938 [23.83]	.625 [15.88]
32	2-18 UNS	3.600 [91.44]	2.219 [56.36]	2.093 [53.16]	1.250 [31.75]	.875 [22.23]
36	2 1/4-16 UN	3.600 [91.44]	2.469 [62.71]	2.343 [59.51]	1.375 [34.93]	1.000 [25.40]
40	2 1/2-16 UN	3.900 [99.06]	2.719 [69.06]	2.750 [69.85]	1.625 [41.28]	1.250 [31.75]
44	2 3/4-16 UN	4.000 [101.60]	2.969 [75.41]	3.000 [76.20]	1.875 [47.63]	1.437 [36.50]
48	3-16 UN	4.225 [107.32]	3.219 [81.76]	3.530 [89.66]	2.375 [60.33]	1.650 [41.91]

Dimensions in brackets [] are in millimeters.

⊙ Plug has "O" ring under coupling nut.

IN-LINE RECEPTACLE

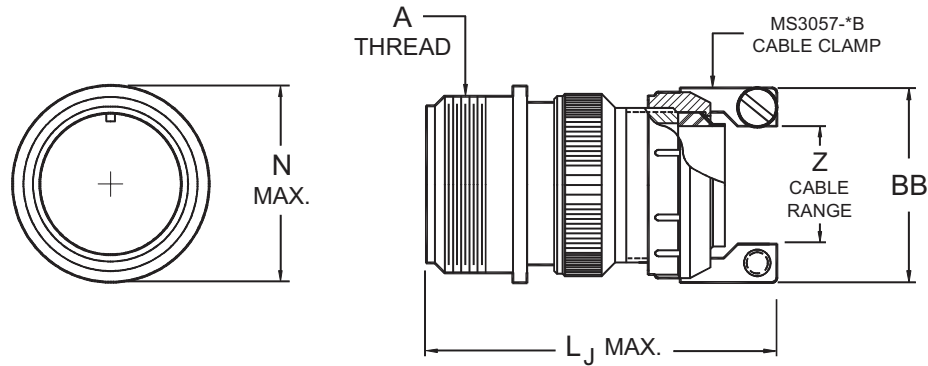
SCP01E, G



SCP01E* One (1) piece backshell,
environmental, with grommet
SCP01G* One (1) piece backshell,
environmental, with grommet®

SHELL SIZE	A COUPLING THREAD CLASS 2A	L MAX.	N MAX.	CABLE RANGE	
				OPEN	CLOSED
8S	1/2-28 UNEF	2.250 [57.15]	.844 [21.44]	.250 [6.35]	.125 [3.18]
10S	5/8-24 UNEF	2.250 [57.15]	.969 [24.61]	.250 [6.35]	.125 [3.18]
10SL	5/8-24 UNEF	2.250 [57.15]	1.062 [26.97]	.312 [7.92]	.125 [3.18]
12	3/4-20 UNEF	2.625 [66.67]	1.062 [26.97]	.312 [7.92]	.125 [3.18]
12S	3/4-20 UNEF	2.250 [57.15]	1.062 [26.97]	.312 [7.92]	.125 [3.18]
14	7/8-20 UNEF	2.625 [66.67]	1.156 [29.36]	.438 [11.13]	.250 [6.35]
14S	7/8-20 UNEF	2.250 [57.15]	1.156 [29.36]	.438 [11.13]	.250 [6.35]
16	1-20 UNEF	2.625 [66.67]	1.281 [32.54]	.562 [14.27]	.312 [7.92]
16S	1-20 UNEF	2.250 [57.15]	1.281 [32.54]	.562 [14.27]	.312 [7.92]
18	1 1/8-18 UNEF	2.688 [68.28]	1.344 [34.14]	.625 [15.88]	.350 [8.89]
20	1 1/4-18 UNEF	2.750 [69.85]	1.500 [38.10]	.750 [19.05]	.500 [12.70]
22	1 3/8-18 UNEF	2.750 [69.85]	1.625 [41.27]	.750 [19.05]	.500 [12.70]
24	1 1/2-18 UNEF	2.969 [75.41]	1.750 [44.45]	.938 [23.83]	.625 [15.88]
28	1 3/4-18 UNS	3.031 [76.99]	2.000 [50.80]	.938 [23.83]	.625 [15.88]
32	2-18 UNS	3.031 [76.99]	2.250 [57.15]	1.250 [31.75]	.875 [22.23]
36	2 1/4-16 UN	3.281 [83.34]	2.500 [63.50]	1.375 [34.93]	1.000 [25.40]
40	2 1/2-16 UN	3.500 [88.90]	2.750 [69.85]	1.625 [41.28]	1.250 [31.75]

Dimensions in brackets [] are in millimeters.
⊗ Plug has "O" ring under coupling nut.



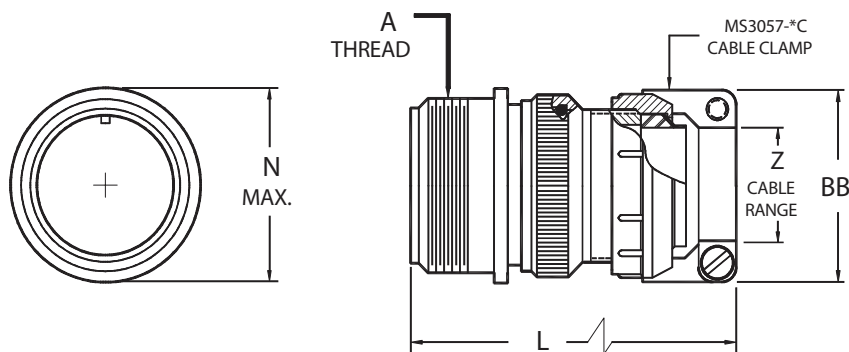
SCP01J* Two (2) piece backshell w/ MS3057*B clamp, environmental, less grommet

SHELL SIZE	A COUPLING THREAD CLASS 2A	BB MAX.	L _J MAX.	N MAX.	CABLE CLAMP	Z CABLE RANGE	
						FREE	CLOSED
8S	1/2-28 UNEF	.812 [20.62]	2.225 [56.52]	.844 [21.44]	MS3057-3B	.219 [5.56]	.031 [0.79]
10S	5/8-24 UNEF	.812 [20.62]	2.300 [58.42]	.969 [24.61]	MS3057-3B	.219 [5.56]	.031 [0.79]
10SL	5/8-24 UNEF	.937 [23.80]	2.300 [58.42]	1.062 [26.97]	MS3057-4B	.312 [7.92]	.094 [2.39]
12	3/4-20 UNEF	.937 [23.80]	2.900 [73.66]	1.062 [26.97]	MS3057-4B	.312 [7.92]	.094 [2.39]
12S	3/4-20 UNEF	.937 [23.80]	2.500 [63.50]	1.062 [26.97]	MS3057-4B	.312 [7.92]	.094 [2.39]
14	7/8-20 UNEF	1.062 [26.97]	2.900 [73.66]	1.156 [29.36]	MS3057-6B	.438 [11.13]	.250 [6.35]
14S	7/8-20 UNEF	1.062 [26.97]	2.500 [63.50]	1.156 [29.36]	MS3057-6B	.438 [11.13]	.250 [6.35]
16	1-20 UNEF	1.188 [30.18]	2.900 [73.66]	1.250 [31.75]	MS3057-8B	.531 [13.49]	.312 [7.92]
16S	1-20 UNEF	1.188 [30.18]	2.500 [63.50]	1.250 [31.75]	MS3057-8B	.531 [13.49]	.312 [7.92]
18	1 1/8-18 UNEF	1.312 [33.32]	2.900 [73.66]	1.344 [34.14]	MS3057-10B	.625 [15.88]	.375 [9.52]
20	1 1/4-18 UNEF	1.562 [39.67]	3.000 [76.20]	1.496 [38.00]	MS3057-12B	.750 [19.05]	.500 [12.70]
22	1 3/8-18 UNEF	1.562 [39.67]	3.000 [76.20]	1.594 [40.49]	MS3057-12B	.750 [19.05]	.500 [12.70]
24	1 1/2-18 UNEF	1.750 [44.45]	3.250 [82.55]	1.719 [43.66]	MS3057-16B	.938 [23.83]	.594 [15.09]
28	1 3/4-18 UNS	1.750 [44.45]	3.250 [82.55]	1.969 [50.01]	MS3057-16B	.938 [23.83]	.594 [15.09]
32	2-18 UNS	2.250 [57.15]	3.600 [91.44]	2.219 [56.36]	MS3057-20B	1.250 [31.75]	.938 [23.83]
36	2 1/4-16 UN	2.375 [60.33]	3.600 [91.44]	2.469 [62.71]	MS3057-24B	1.375 [34.93]	.969 [24.61]
40	2 1/2-16 UN	2.625 [66.68]	3.900 [99.06]	2.719 [69.06]	MS3057-28B	1.625 [41.28]	1.188 [30.18]
44	2 3/4-16 UN	2.812 [71.42]	4.000 [101.60]	2.969 [75.41]	MS3057-32B	1.875 [47.63]	1.375 [34.93]
48	3-16 UN	3.312 [84.12]	4.225 [107.32]	3.219 [81.76]	MS3057-40B	2.375 [60.33]	1.875 [47.63]

Dimensions in brackets [] are in millimeters.

IN-LINE RECEPTACLE

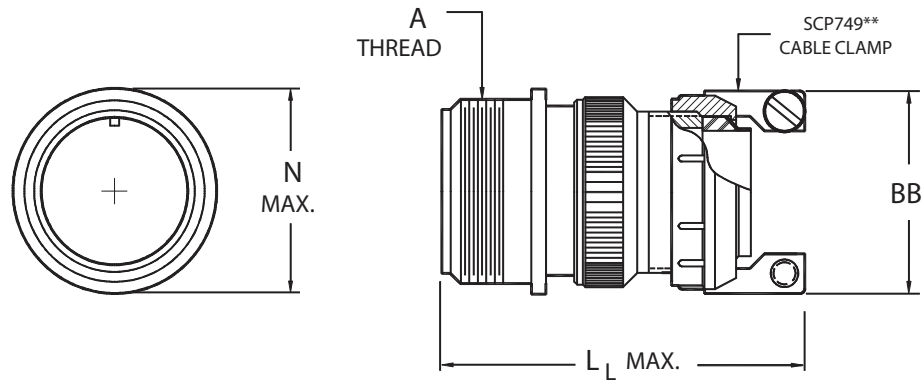
SCP01K, LCF, LCFZ



- SCP01K* Two (2) piece backshell w/ MS3057*C clamp, environmental, less grommet
- SCP01LCF* Extended length backshell, environmental, less grommet
- SCP01LCFZ* Extended length backshell, environmental, with grommet

SHELL SIZE	A COUPLING THREAD CLASS 2A	BB MAX.	L MAX.		N MAX.	CABLE CLAMP	Z CABLE RANGE	
			K SERIES	LCF SERIES			FREE	CLOSED
8S	1/2-28 UNEF	.812 [20.62]	2.225 [56.52]	4.00 [101.6]	.844 [21.44]	MS3057-3C	.219 [5.56]	.031 [0.79]
10S	5/8-24 UNEF	.812 [20.62]	2.300 [58.42]	4.00 [101.6]	.969 [24.61]	MS3057-3C	.219 [5.56]	.031 [0.79]
10SL	5/8-24 UNEF	.937 [23.80]	2.300 [58.42]	4.00 [101.6]	1.062 [26.97]	MS3057-4C	.312 [7.92]	.094 [2.39]
12	3/4-20 UNEF	.937 [23.80]	2.900 [73.66]	4.50 [114.0]	1.062 [26.97]	MS3057-4C	.312 [7.92]	.094 [2.39]
12S	3/4-20 UNEF	.937 [23.80]	2.500 [63.50]	4.00 [101.6]	1.062 [26.97]	MS3057-4C	.312 [7.92]	.094 [2.39]
14	7/8-20 UNEF	1.062 [26.97]	2.900 [73.66]	4.50 [114.0]	1.156 [29.36]	MS3057-6C	.438 [11.13]	.250 [6.35]
14S	7/8-20 UNEF	1.062 [26.97]	2.500 [63.50]	4.00 [101.6]	1.156 [29.36]	MS3057-6C	.438 [11.13]	.250 [6.35]
16	1-20 UNEF	1.188 [30.18]	2.900 [73.66]	4.50 [114.0]	1.250 [31.75]	MS3057-8C	.531 [13.49]	.312 [7.92]
16S	1-20 UNEF	1.188 [30.18]	2.500 [63.50]	4.00 [101.6]	1.250 [31.75]	MS3057-8C	.531 [13.49]	.312 [7.92]
18	1 1/8-18 UNEF	1.312 [33.32]	2.900 [73.66]	4.69 [119.0]	1.344 [34.14]	MS3057-10C	.625 [15.88]	.375 [9.52]
20	1 1/4-18 UNEF	1.562 [39.67]	3.000 [76.20]	4.69 [119.0]	1.496 [38.00]	MS3057-12C	.750 [19.05]	.500 [12.70]
22	1 3/8-18 UNEF	1.562 [39.67]	3.000 [76.20]	4.69 [119.0]	1.594 [40.49]	MS3057-12C	.750 [19.05]	.500 [12.70]
24	1 1/2-18 UNEF	1.750 [44.45]	3.250 [82.55]	4.90 [124.2]	1.719 [43.66]	MS3057-16C	.938 [23.83]	.594 [15.09]
28	1 3/4-18 UNS	1.750 [44.45]	3.250 [82.55]	5.13 [130.0]	1.969 [50.01]	MS3057-16C	.938 [23.83]	.594 [15.09]
32	2-18 UNS	2.250 [57.15]	3.600 [91.44]	5.39 [137.0]	2.219 [56.36]	MS3057-20C	1.250 [31.75]	.938 [23.83]
36	2 1/4-16 UN	2.375 [60.33]	3.600 [91.44]	5.67 [144.0]	2.469 [62.71]	MS3057-24C	1.375 [34.93]	.969 [24.61]
40	2 1/2-16 UN	2.625 [66.68]	3.900 [99.06]	5.67 [144.0]	2.719 [69.06]	MS3057-28C	1.625 [41.28]	1.188 [30.18]
44	2 3/4-16 UN	2.812 [71.42]	4.000 [101.60]	*	2.969 [75.41]	MS3057-32C	1.875 [47.63]	1.375 [34.93]
48	3-16 UN	3.312 [84.12]	4.225 [107.32]	*	3.219 [81.76]	MS3057-40C	2.375 [60.33]	1.875 [47.63]

Dimensions in brackets [] are in millimeters.
* Consult factory.



**SCP01L* Two (2) piece backshell w/
SCP749** clamp, environmental,
with grommet**

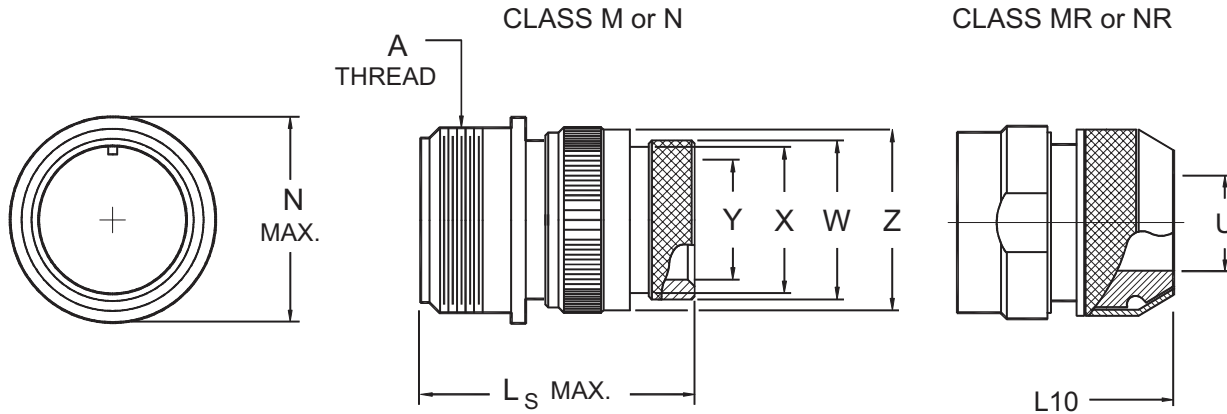
SHELL SIZE	A COUPLING THREAD CLASS 2A	BB MAX.	L MAX.	N MAX.	CABLE CLAMP
8S	1/2-28 UNEF	.807 [20.50]	2.225 [56.52]	.844 [21.44]	SCP74908-*
10S	5/8-24 UNEF	.807 [20.50]	2.300 [58.42]	.969 [24.61]	SCP74910-*
10SL	5/8-24 UNEF	.901 [22.89]	2.300 [58.42]	1.062 [26.97]	SCP74911-*
12	3/4-20 UNEF	.901 [22.89]	2.900 [73.66]	1.062 [26.97]	SCP74912-*
12S	3/4-20 UNEF	.901 [22.89]	2.500 [63.50]	1.062 [26.97]	SCP74913-*
14	7/8-20 UNEF	1.026 [26.06]	2.900 [73.66]	1.156 [29.36]	SCP74914-*
14S	7/8-20 UNEF	1.026 [26.06]	2.500 [63.50]	1.156 [29.36]	SCP74915-*
16	1-20 UNEF	1.119 [28.42]	2.900 [73.66]	1.250 [31.75]	SCP74916-*
16S	1-20 UNEF	1.119 [28.42]	2.500 [63.50]	1.250 [31.75]	SCP74917-*
18	1 1/8-18 UNEF	1.229 [31.22]	2.900 [73.66]	1.344 [34.14]	SCP74918-*
20	1 1/4-18 UNEF	1.479 [37.57]	3.000 [76.20]	1.496 [38.00]	SCP74920-*
22	1 3/8-18 UNEF	1.479 [37.57]	3.000 [76.20]	1.594 [40.49]	SCP74922-*
24	1 1/2-18 UNEF	1.666 [42.32]	3.250 [82.55]	1.719 [43.66]	SCP74924-*
28	1 3/4-18 UNS	1.666 [42.32]	3.250 [82.55]	1.969 [50.01]	SCP74928-*
32	2-18 UNS	2.135 [54.23]	3.600 [91.44]	2.219 [56.36]	SCP74932-*
36	2 1/4-16 UN	2.260 [57.40]	3.600 [91.44]	2.469 [62.71]	SCP74936-*
40	2 1/2-16 UN	2.510 [63.75]	3.900 [99.06]	2.719 [69.06]	SCP74940-*
44	2 3/4-16 UN	2.812 [71.42]	4.000 [101.60]	2.969 [75.41]	SCP74944-*
48	3-16 UN	3.312 [84.12]	4.225 [107.32]	3.219 [81.76]	SCP74948-*

Dimensions in brackets [] are in millimeters.

IN-LINE RECEPTACLE

SCP01M, N

SCP01MR, NR



SCP01M* Shrink boot adapter, environmental, less grommet[Ⓞ]

SCP01MR* Shrink boot adapter, EMI/RFI, environmental, less grommet[Ⓞ]

SCP01N* Shrink boot adapter, environmental, with grommet[Ⓞ]

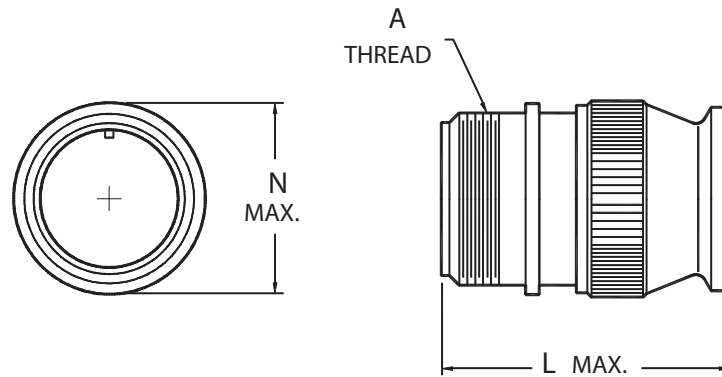
SCP01NR* Shrink boot adapter, EMI/RFI, environmental, with grommet[Ⓞ]

SHELL SIZE	A COUPLING THREAD CLASS 2A	L _S MAX.	L ₁₀ MAX.	N MAX.	U MAX.	W ±.008 [±0.20]	X MAX.	Y ±.004 [±0.10]	Z ±.008 [±0.20]
8S	1/2-28 UNEF	—	*	.844 [21.44]	*	—	—	—	—
10S	5/8-24 UNEF	2.140 [54.36]	*	.969 [24.61]	*	.605 [15.37]	.524 [13.30]	.311 [7.90]	.734 [18.64]
10SL	5/8-24 UNEF	2.140 [54.36]	2.047 [52.20]	1.062 [26.97]	.338 [8.60]	.605 [15.37]	.524 [13.30]	.311 [7.90]	.734 [18.64]
12	3/4-20 UNEF	2.612 [66.34]	2.480 [63.30]	1.062 [26.97]	.378 [9.60]	.774 [19.66]	.524 [13.30]	.311 [7.90]	.858 [21.79]
12S	3/4-20 UNEF	2.140 [54.36]	2.047 [52.20]	1.062 [26.97]	.378 [9.60]	.774 [19.66]	.524 [13.30]	.311 [7.90]	.858 [21.79]
14	7/8-20 UNEF	2.612 [66.34]	2.480 [63.30]	1.156 [29.36]	.417 [10.60]	.838 [21.29]	.669 [17.00]	.425 [10.80]	.984 [24.99]
14S	7/8-20 UNEF	2.140 [54.36]	2.047 [52.20]	1.156 [29.36]	.417 [10.60]	.838 [21.29]	.669 [17.00]	.425 [10.80]	.984 [24.99]
16	1-20 UNEF	2.612 [66.34]	2.480 [63.30]	1.250 [31.75]	.531 [13.50]	.963 [24.46]	.862 [21.90]	.539 [13.70]	1.112 [28.24]
16S	1-20 UNEF	2.140 [54.36]	2.134 [54.20]	1.250 [31.75]	.531 [13.50]	.963 [24.46]	.862 [21.90]	.539 [13.70]	1.112 [28.24]
18	1 1/8-18 UNEF	2.612 [66.34]	2.540 [64.50]	1.344 [34.14]	.575 [14.60]	1.042 [26.47]	.885 [22.48]	.583 [14.80]	1.218 [30.94]
20	1 1/4-18 UNEF	2.809 [71.35]	2.540 [64.50]	1.496 [38.00]	.728 [18.50]	1.217 [30.91]	1.039 [26.39]	.744 [18.90]	1.345 [34.16]
22	1 3/8-18 UNEF	2.809 [71.35]	2.540 [64.50]	1.594 [40.49]	.819 [20.80]	1.355 [34.42]	1.129 [28.68]	.827 [21.00]	1.468 [37.29]
24	1 1/2-18 UNEF	2.809 [71.35]	2.567 [65.20]	1.719 [43.66]	.969 [24.60]	1.433 [36.40]	1.247 [31.67]	.976 [24.80]	1.593 [40.46]
28	1 3/4-18 UNS	2.809 [71.35]	2.567 [65.20]	1.969 [50.01]	1.063 [27.00]	1.709 [43.41]	1.409 [35.79]	1.071 [27.20]	1.969 [50.01]
32	2-18 UNS	3.006 [76.35]	2.630 [66.80]	2.219 [56.36]	1.131 [33.30]	1.919 [48.74]	1.692 [42.98]	1.319 [33.50]	2.219 [56.36]
36	2 1/4-16 UN	3.203 [81.36]	2.630 [66.80]	2.469 [62.71]	1.516 [38.50]	2.169 [55.09]	1.948 [49.48]	1.524 [38.70]	2.469 [62.71]
40	2 1/2-16 UN	3.281 [83.34]	2.630 [66.80]	2.719 [69.06]	1.811 [46.00]	2.402 [61.01]	2.184 [55.47]	1.898 [48.20]	2.719 [69.06]

Dimensions in brackets [] are in millimeters.

* Consult factory.

Ⓞ Plug has "O" ring under coupling nut.



**SCP01R* Grommet nut, environmental,
with grommet[®]**

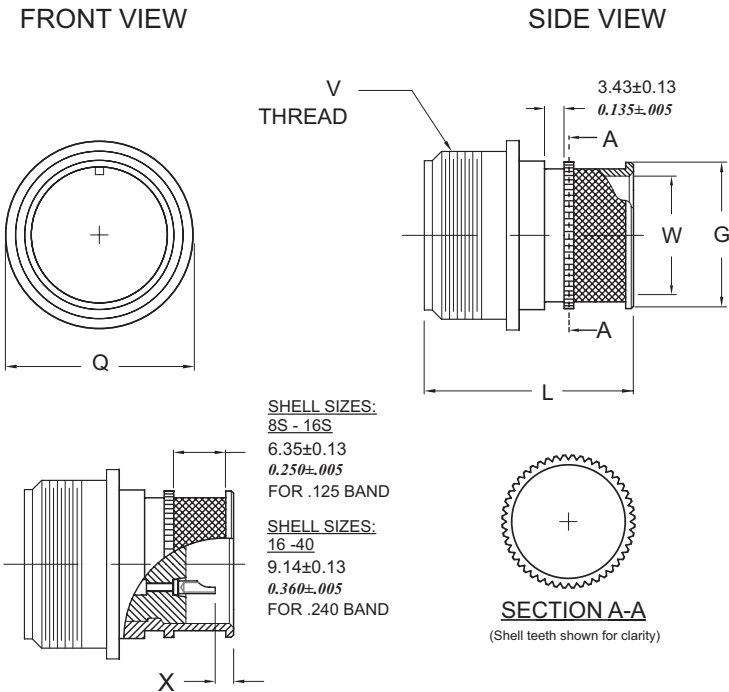
SHELL SIZE	A COUPLING THREAD CLASS 2A	L MAX.	N MAX.
8S	1/2-28 UNEF	1.838 [46.69]	.844 [21.44]
10S	5/8-24 UNEF	1.838 [46.69]	.969 [24.61]
10SL	5/8-24 UNEF	1.838 [46.69]	1.062 [26.97]
12	3/4-20 UNEF	2.181 [55.40]	1.062 [26.97]
12S	3/4-20 UNEF	1.838 [46.69]	1.062 [26.97]
14	7/8-20 UNEF	2.181 [55.40]	1.156 [29.36]
14S	7/8-20 UNEF	1.838 [46.69]	1.156 [29.36]
16	1-20 UNEF	2.181 [55.40]	1.281 [32.54]
16S	1-20 UNEF	1.838 [46.69]	1.281 [32.54]
18	1 1/8-18 UNEF	2.281 [57.94]	1.344 [34.14]
20	1 1/4-18 UNEF	2.281 [57.94]	1.500 [38.10]
22	1 3/8-18 UNEF	2.281 [57.94]	1.625 [41.27]
24	1 1/2-18 UNEF	2.281 [57.94]	1.750 [44.45]
28	1 3/4-18 UNS	2.281 [57.94]	2.000 [50.80]
32	2-18 UNS	2.322 [58.98]	2.250 [57.15]
36	2 1/4-16 UN	2.322 [58.98]	2.500 [63.50]
40	2 1/2-16 UN	2.322 [58.98]	2.750 [69.85]

Dimensions in brackets [] are in millimeters.

⊙ Plug has "O" ring under coupling nut.

IN-LINE RECEPTACLE SOLDER CONTACTS (MS3101)

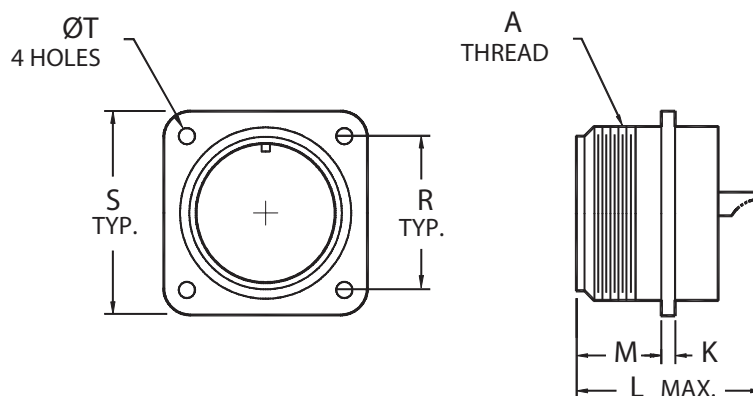
SCP01SV



SCP01SV* Environmental, no grommet

SHELL SIZE	FRONT VIEW	SIDE VIEW					
	Q MAX	G MAX	L MAX	W MIN	V THREAD CLASS 2A	X ±.016 [±0.4]	
						.240 BAND	.120 BAND
8S	0.844 [21.44]	*	*	*	.500-28 UNEF	—	*
10SL	1.062 [26.97]	0.632 [16.1]	1.300 [33.02]	0.475 [12.1]	.625-24 UNEF	—	0.210 [5.3]
10S	0.969 [24.61]	0.632 [16.1]	*	0.475 [12.1]	.625-24 UNEF	—	*
12S	1.062 [26.97]	0.632 [16.1]	1.300 [33.02]	0.475 [12.1]	.750-20 UNEF	—	0.210 [5.3]
12	1.062 [26.97]	0.632 [16.1]	1.475 [37.47]	0.475 [12.1]	.750-20 UNEF	—	0.385 [9.8]
14S	1.156 [29.36]	0.755 [19.2]	1.300 [33.02]	0.605 [15.4]	.875-20 UNEF	—	0.210 [5.3]
14	1.156 [29.36]	0.755 [19.2]	1.475 [37.47]	0.605 [15.4]	.875-20 UNEF	—	0.385 [9.8]
16S	1.281 [32.54]	0.880 [22.4]	1.300 [33.02]	0.735 [18.7]	1.000-20 UNEF	—	0.210 [5.3]
16	1.281 [32.54]	0.880 [22.4]	1.585 [40.26]	0.735 [18.7]	1.000-20 UNEF	0.045 [1.15]	—
18	1.344 [34.14]	1.005 [25.5]	1.615 [41.02]	0.860 [21.9]	1.125-18 UNEF	0.075 [1.9]	—
20	1.500 [38.10]	1.130 [28.7]	1.615 [41.02]	0.975 [24.8]	1.250-18 UNEF	0.075 [1.9]	—
22	1.625 [41.27]	1.255 [31.9]	1.615 [41.02]	1.105 [28.1]	1.375-18 UNEF	0.075 [1.9]	—
24	1.750 [44.45]	1.380 [35.1]	1.685 [42.80]	1.230 [31.2]	1.500-18 UNEF	0.145 [3.7]	—
28	2.000 [50.80]	1.630 [41.4]	1.685 [42.80]	1.415 [35.9]	1.750-18 UNS	0.145 [3.7]	—
32	2.250 [57.15]	1.880 [47.8]	1.750 [44.45]	1.695 [43.1]	2.000-18 UNS	0.210 [5.3]	—
36	2.500 [63.50]	2.067 [52.5]	1.750 [44.45]	1.890 [48.0]	2.250-16 UN	0.210 [5.3]	—
40	2.750 [69.85]	2.317 [58.9]	1.750 [44.45]	2.120 [53.8]	2.500-16 UN	0.210 [5.3]	—

Dimensions in brackets [] are in millimeters.
* Consult Factory



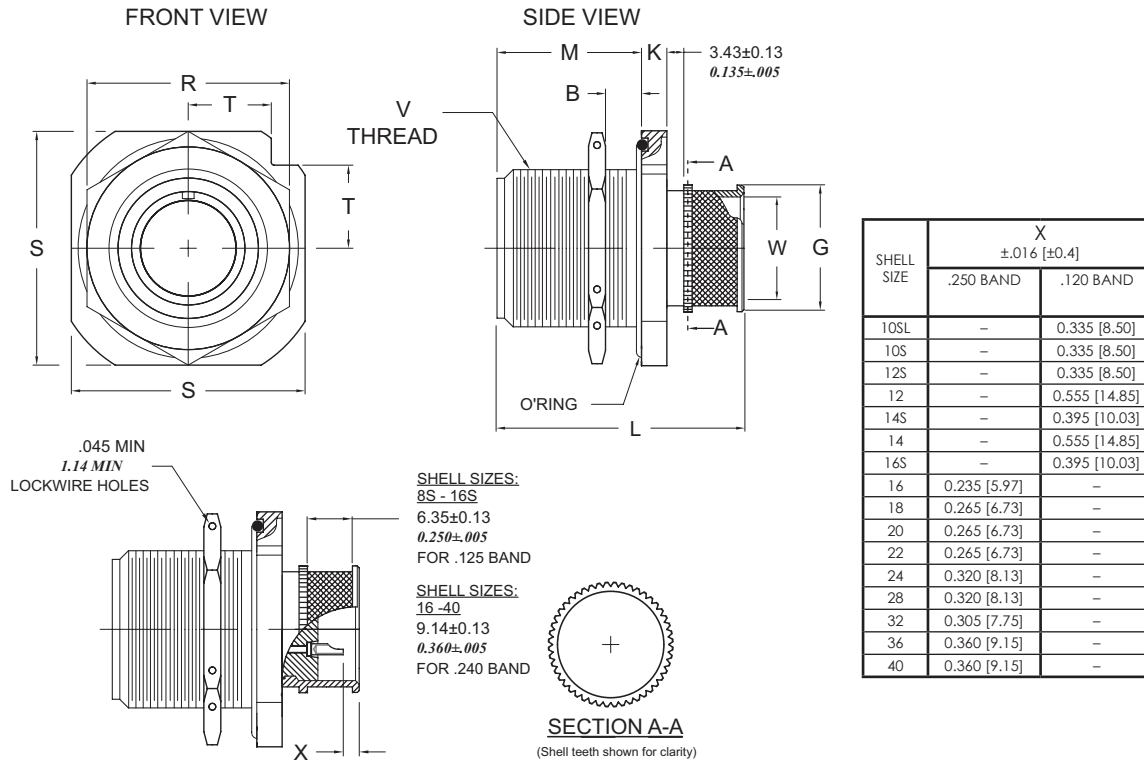
SCP01Y* Environmental
SCP01Z* Non-environmental

SHELL SIZE	A COUPLING THREAD CLASS 2A	K		L MAX.	M +.031 -.000 [+0.79] [-0.00]	R ±.005 [±0.13]	S ±.031 [±0.79]	T +.010 -.005 [+0.25] [-0.13]
		MAX.	MIN.					
8S	1/2-28 UNEF	.156 [3.96]	.062 [1.57]	1.219 [30.96]	.562 [14.27]	.594 [15.09]	.875 [22.22]	.120 [3.05]
10S	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	1.219 [30.96]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
10SL	5/8-24 UNEF	.156 [3.96]	.062 [1.57]	1.219 [30.96]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
12	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	1.625 [41.28]	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
12S	3/4-20 UNEF	.156 [3.96]	.062 [1.57]	1.219 [30.96]	.562 [14.27]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
14	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	1.625 [41.28]	.750 [19.05]	.906 [23.01]	1.188 [30.18]	.120 [3.05]
14S	7/8-20 UNEF	.156 [3.96]	.062 [1.57]	1.219 [30.96]	.562 [14.27]	.906 [23.01]	1.188 [30.18]	.120 [3.05]
16	1-20 UNEF	.156 [3.96]	.062 [1.57]	1.625 [41.28]	.750 [19.05]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
16S	1-20 UNEF	.156 [3.96]	.062 [1.57]	1.219 [30.96]	.562 [14.27]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
18	1 1/8-18 UNEF	.203 [5.16]	.094 [2.39]	1.938 [49.23]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]
20	1 1/4-18 UNEF	.203 [5.16]	.094 [2.39]	1.938 [49.23]	.750 [19.05]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]
22	1 3/8-18 UNEF	.203 [5.16]	.094 [2.39]	1.938 [49.23]	.750 [19.05]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]
24	1 1/2-18 UNEF	.203 [5.16]	.094 [2.39]	1.938 [49.23]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]
28	1 3/4-18 UNS	.203 [5.16]	.094 [2.39]	1.938 [49.23]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]
32	2-18 UNS	.359 [9.12]	.125 [3.17]	1.938 [49.23]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]
36	2 1/4-16 UN	.359 [9.12]	.125 [3.17]	1.938 [49.23]	.875 [22.22]	1.983 [50.37]	2.500 [63.50]	.173 [4.39]
40	2 1/2-16 UN	.359 [9.12]	.125 [3.17]	1.938 [49.23]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]

Dimensions in brackets [] are in millimeters.

JAM NUT RECEPTACLE SOLDER CONTACTS

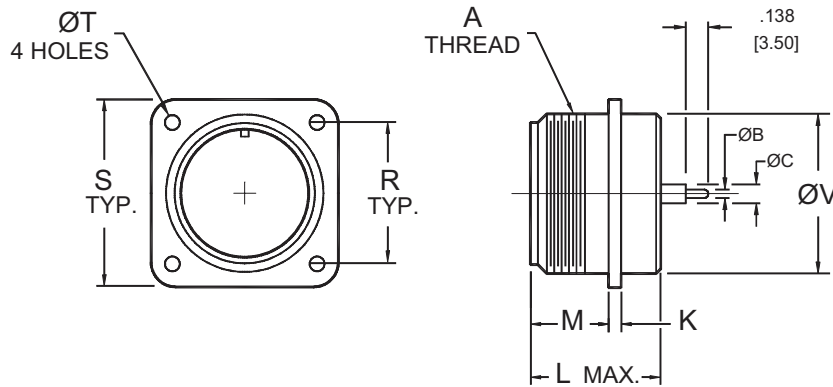
SCP04SV



SCP04SV* Environmental, less grommet

SHELL SIZE	FRONT VIEW			SIDE VIEW							
	R ±.016 [±0.4]	S ±.010 [±0.25]	T ±.010 [±0.25]	G MAX.	B PANEL THICKNESS		M ±.010 [±0.25]	K ±.005 [±0.13]	L MAX.	W MIN	V THREAD
					MIN.	MAX.					
10SL	0.812 [20.62]	1.000 [25.40]	0.354 [8.99]	0.632 [16.10]	0.000 [0.00]	0.197 [5.00]	0.806 [20.47]	0.125 [3.18]	1.425 [36.20]	0.475 [12.10]	.625-24 UNEF
10S	0.812 [20.62]	1.000 [25.40]	0.354 [8.99]	0.632 [16.10]	0.000 [0.00]	0.197 [5.00]	0.806 [20.47]	0.125 [3.18]	1.425 [36.20]	0.475 [12.10]	.625-24 UNEF
12S	0.938 [23.83]	1.125 [28.58]	0.397 [10.08]	0.632 [16.10]	0.000 [0.00]	0.197 [5.00]	0.806 [20.47]	0.125 [3.18]	1.425 [36.20]	0.475 [12.10]	.750-20 UNEF
12	0.938 [23.83]	1.125 [28.58]	0.397 [10.08]	0.632 [16.10]	0.000 [0.00]	0.197 [5.00]	1.055 [26.80]	0.125 [3.18]	1.675 [42.50]	0.475 [12.10]	.750-20 UNEF
14S	1.062 [26.97]	1.250 [31.75]	0.442 [11.23]	0.755 [19.20]	0.000 [0.00]	0.199 [5.05]	0.869 [22.07]	0.125 [3.18]	1.485 [37.70]	0.605 [15.40]	.875-20 UNEF
14	1.062 [26.97]	1.250 [31.75]	0.442 [11.23]	0.755 [19.20]	0.000 [0.00]	0.134 [3.40]	1.055 [26.80]	0.125 [3.18]	1.675 [42.50]	0.605 [15.40]	.875-20 UNEF
16S	1.250 [31.75]	1.375 [34.93]	0.486 [12.34]	0.880 [22.40]	0.000 [0.00]	0.199 [5.05]	0.869 [22.07]	0.125 [3.18]	1.485 [37.70]	0.735 [18.70]	1.000-20 UNEF
16	1.250 [31.75]	1.375 [34.93]	0.486 [12.34]	0.880 [22.40]	0.000 [0.00]	0.134 [3.40]	1.055 [26.80]	0.125 [3.18]	1.775 [45.10]	0.735 [18.70]	1.000-20 UNEF
18	1.312 [33.32]	1.625 [41.28]	0.575 [14.61]	1.005 [25.50]	0.000 [0.00]	0.134 [3.40]	1.055 [26.80]	0.156 [3.96]	1.805 [45.90]	0.860 [21.90]	1.125-18 UNEF
20	1.500 [38.10]	1.750 [44.45]	0.619 [15.72]	1.130 [28.70]	0.000 [0.00]	0.134 [3.40]	1.055 [26.80]	0.156 [3.96]	1.805 [45.90]	0.975 [24.80]	1.250-18 UNEF
22	1.562 [39.67]	1.875 [47.63]	0.663 [16.84]	1.255 [31.90]	0.000 [0.00]	0.134 [3.40]	1.055 [26.80]	0.156 [3.96]	1.805 [45.90]	1.105 [28.10]	1.375-18 UNEF
24	1.750 [44.45]	2.000 [50.80]	0.707 [17.96]	1.380 [35.10]	0.000 [0.00]	0.167 [4.24]	1.088 [27.64]	0.172 [4.37]	1.860 [47.24]	1.230 [31.20]	1.500-18 UNEF
28	2.000 [50.80]	2.250 [57.15]	0.795 [20.19]	1.630 [41.40]	0.000 [0.00]	0.167 [4.24]	1.088 [27.64]	0.172 [4.37]	1.860 [47.24]	1.415 [35.90]	1.750-18 UNS
32	2.188 [55.58]	2.500 [63.50]	0.884 [22.45]	1.880 [47.80]	0.000 [0.00]	0.135 [3.43]	1.056 [26.82]	0.188 [4.78]	1.845 [46.70]	1.695 [43.10]	2.000-18 UNS
36	2.438 [61.93]	2.750 [69.85]	0.972 [24.69]	2.067 [52.50]	0.000 [0.00]	0.166 [4.22]	1.118 [28.40]	0.188 [4.78]	1.900 [48.30]	1.890 [48.00]	2.250-16 UN
40	2.812 [71.42]	3.000 [76.20]	1.060 [26.92]	2.317 [58.90]	0.000 [0.00]	0.166 [4.22]	1.118 [28.40]	0.188 [4.78]	1.900 [48.30]	2.120 [53.80]	2.500-16 UN

Dimensions in brackets [] are in millimeters.



AVAILABLE CONTACT	ØB $\begin{smallmatrix} +.000 \\ -.002 \\ [+0.00] \\ [-0.05] \end{smallmatrix}$	ØC $\begin{smallmatrix} +.000 \\ -.004 \\ [+0.00] \\ [-0.10] \end{smallmatrix}$
16S & 16	.030 [0.75]	.063 [1.60]
12	.071 [1.80]	.134 [3.40]

CONNECTORS ARE AVAILABLE ONLY WITH ARRANGEMENTS HAVING CONTACT SIZES 16S, 16 & 12. FOR DIFFERENT CONTACT SIZES CONSULT FACTORY.

SCP09* Environmental

SHELL SIZE	A COUPLING THREAD CLASS 2A	K $\begin{smallmatrix} \pm.008 \\ [\pm 0.20] \end{smallmatrix}$	L MAX.	M $\begin{smallmatrix} +.031 \text{ } -.000 \\ [+0.79] \text{ } [-0.00] \end{smallmatrix}$	R $\begin{smallmatrix} \pm.005 \\ [\pm 0.13] \end{smallmatrix}$	S $\begin{smallmatrix} \pm.031 \\ [\pm 0.79] \end{smallmatrix}$	T $\begin{smallmatrix} +.010 \text{ } -.005 \\ [+0.25] \text{ } [-0.13] \end{smallmatrix}$	ØV MAX.
8S	1/2-28 UNEF	.110 [2.80]	.984 [25.00]	.562 [14.27]	.594 [15.09]	.875 [22.22]	.120 [3.05]	.374 [9.50]
10S	5/8-24 UNEF	.110 [2.80]	.984 [25.00]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	.512 [13.00]
10SL	5/8-24 UNEF	.110 [2.80]	.984 [25.00]	.562 [14.27]	.719 [18.26]	1.000 [25.40]	.120 [3.05]	.634 [16.10]
12	3/4-20 UNEF	.110 [2.80]	1.343 [34.10]	.750 [19.05]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	.634 [16.10]
12S	3/4-20 UNEF	.110 [2.80]	.984 [25.00]	.562 [14.27]	.812 [20.62]	1.094 [27.79]	.120 [3.05]	.634 [16.10]
14	7/8-20 UNEF	.110 [2.80]	1.343 [34.10]	.750 [19.05]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	.760 [19.30]
14S	7/8-20 UNEF	.126 [3.20]	.984 [25.00]	.562 [14.27]	.906 [23.01]	1.188 [30.18]	.120 [3.05]	.760 [19.30]
16	1-20 UNEF	.126 [3.20]	1.343 [34.10]	.750 [19.05]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	.882 [22.40]
16S	1-20 UNEF	.126 [3.20]	.984 [25.00]	.562 [14.27]	.969 [24.61]	1.281 [32.54]	.120 [3.05]	.882 [22.40]
18	1 1/8-18 UNEF	.157 [4.00]	1.343 [34.10]	.750 [19.05]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]	1.008 [25.60]
20	1 1/4-18 UNEF	.157 [4.00]	1.343 [34.10]	.750 [19.05]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]	1.142 [29.00]
22	1 3/8-18 UNEF	.157 [4.00]	1.343 [34.10]	.750 [19.05]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]	1.268 [32.20]
24	1 1/2-18 UNEF	.157 [4.00]	1.417 [36.00]	.812 [20.62]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]	1.390 [35.30]
28	1 3/4-18 UNS	.157 [4.00]	1.417 [36.00]	.812 [20.62]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]	1.630 [41.40]
32	2-18 UNS	.157 [4.00]	1.480 [37.60]	.875 [22.22]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]	1.882 [47.80]
36	2 1/4-16 UN	.157 [4.00]	1.480 [37.60]	.875 [22.22]	1.983 [50.37]	2.500 [63.50]	.173 [4.39]	2.130 [54.10]
40	2 1/2-16 UN	.157 [4.00]	1.480 [37.60]	.875 [22.22]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]	2.323 [59.00]

Dimensions in brackets [] are in millimeters.

JAM NUT RECEPTACLE

SCPBFR

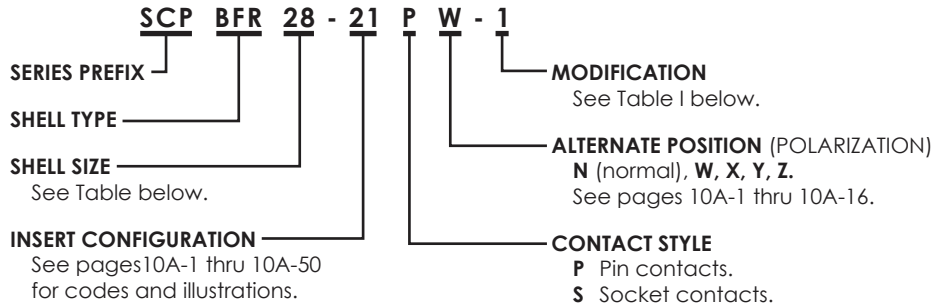
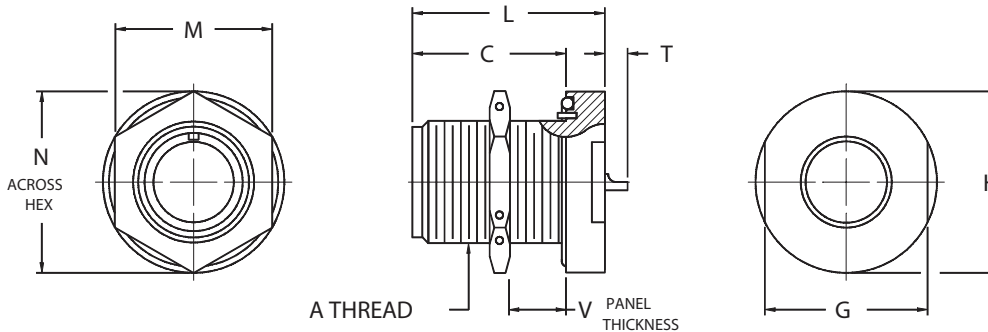


TABLE I. MODIFICATIONS

CODE	DESCRIPTION
-1	Basic part number
-3	Basic shell has 4 holes and no positioning pin
-4	Basic shell, no positioning pin and O-ring is Silicone
-5	Same as -1 except positioning pin is longer.
GE	Hex nut is replaced by spline nut.

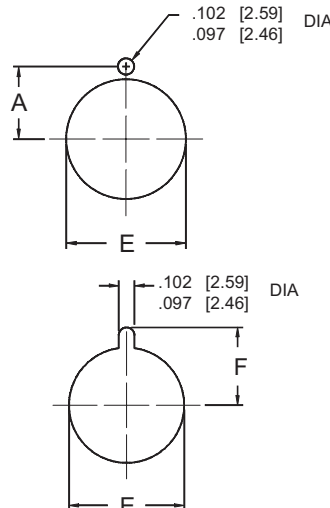


SHELL SIZE	A COUPLING THREAD CLASS 2A	C MAX.	G MAX.	H MAX.	L MAX.	M MAX.	N MAX.	V MAX.
8S	.500-28 UNEF	.853 [21.67]	.895 [22.73]	1.077 [27.36]	1.087 [27.61]	.697 [17.70]	.820 [20.83]	.250 [6.35]
10S	.625-24 UNEF	.853 [21.67]	1.015 [25.78]	1.203 [30.56]	1.087 [27.61]	.822 [20.88]	.960 [24.38]	.250 [6.35]
10SL	.625-24 UNEF	.853 [21.67]	1.015 [25.78]	1.203 [30.56]	1.087 [27.61]	.822 [20.88]	.960 [24.38]	.250 [6.35]
12S	.750-20 UNEF	.853 [21.67]	1.077 [27.36]	1.327 [33.71]	1.087 [27.61]	.955 [24.26]	1.110 [28.19]	.375 [9.52]
12	.750-20 UNEF	1.244 [31.60]	1.077 [27.36]	1.327 [33.71]	1.525 [38.74]	.947 [24.05]	1.110 [28.19]	.375 [9.52]
14S	.875-20 UNEF	.853 [21.67]	1.203 [30.56]	1.453 [36.91]	1.087 [27.61]	1.072 [27.23]	1.250 [31.75]	.375 [9.52]
14	.875-20 UNEF	1.244 [31.60]	1.203 [30.56]	1.453 [36.91]	1.525 [38.74]	1.072 [27.23]	1.250 [31.75]	.375 [9.52]
16S	1.000-20 UNEF	.853 [21.67]	1.327 [33.71]	1.577 [40.06]	1.087 [27.61]	1.265 [32.13]	1.460 [37.08]	.375 [9.52]
16	1.000-20 UNEF	1.244 [31.60]	1.327 [33.71]	1.577 [40.06]	1.525 [38.74]	1.265 [32.13]	1.460 [37.08]	.375 [9.52]
18	1.125-18 UNEF	1.244 [31.60]	1.453 [36.91]	1.703 [43.26]	1.525 [38.74]	1.395 [35.43]	1.610 [40.89]	.375 [9.52]
20	1.250-18 UNEF	1.244 [31.60]	1.577 [40.06]	1.827 [46.41]	1.525 [38.74]	1.515 [38.48]	1.750 [44.45]	.375 [9.52]
22	1.375-18 UNEF	1.244 [31.60]	1.577 [40.06]	1.953 [49.61]	1.525 [38.74]	1.635 [41.53]	1.900 [48.26]	.375 [9.52]
24	1.500-18 UNEF	1.244 [31.60]	1.827 [46.41]	2.077 [52.76]	1.525 [38.74]	1.765 [44.83]	2.030 [51.56]	.375 [9.52]
28	1.750-18 UNS	1.244 [31.60]	1.953 [49.61]	2.327 [59.11]	1.525 [38.74]	2.015 [51.18]	2.330 [59.18]	.375 [9.52]
32	2.000-18 UNS	1.244 [31.60]	2.203 [55.96]	2.577 [65.46]	1.525 [38.74]	2.205 [56.01]	2.550 [64.77]	.375 [9.52]
36	2.250-16 UN	1.244 [31.60]	2.577 [65.46]	2.827 [71.81]	1.525 [38.74]	2.455 [62.36]	2.840 [72.14]	.312 [7.92]

Dimensions in brackets [] are in millimeters.

SHELL SIZE	T MAX. SOLDER POT EXT.				
	#16	#12	#8	#4	#0
8S-16S	.140 [3.56]	—	—	—	—
12 THRU 36	.062 [1.57]	.062 [1.57]	.125 [3.18]	.125 [3.18]	.359 [9.12]

MOUNTING DIMENSIONS



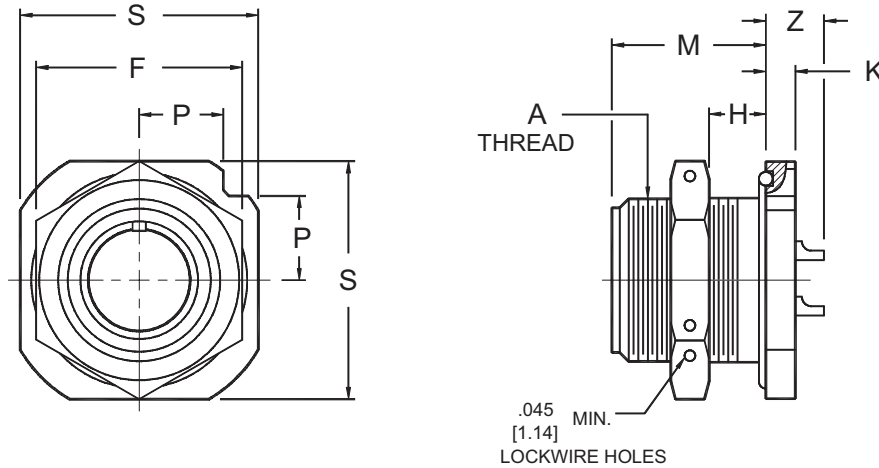
SHELL SIZE	A ±.005 [±0.13]	E +.015 - .000 [+0.38] [-0.00]	F ±.005 [±0.13]
8S	.323 [8.20]	.500 [12.70]	.373 [9.47]
10S, 10SL	.385 [9.78]	.625 [15.88]	.435 [11.05]
12S, 12	.448 [11.38]	.750 [19.05]	.498 [12.65]
14S, 14	.510 [12.95]	.875 [22.23]	.560 [14.22]
16S, 16	.573 [14.55]	1.000 [25.40]	.623 [15.82]
18	.635 [16.13]	1.125 [28.58]	.685 [17.40]
20	.698 [17.73]	1.250 [31.75]	.748 [19.00]
22	.760 [19.30]	1.375 [34.93]	.810 [20.57]
24	.823 [20.90]	1.500 [38.10]	.873 [22.17]
28	.948 [24.08]	1.750 [44.45]	.998 [25.35]
32	1.073 [27.25]	2.000 [50.80]	1.123 [28.52]
36	1.198 [30.43]	2.250 [57.15]	1.248 [31.70]



JAM NUT RECEPTACLE

SCP03Y, Z
SCP873*-*

1A



SCP03Y* Environmental
SCP03Z* Non-environmental
SCP873*-* Environmental

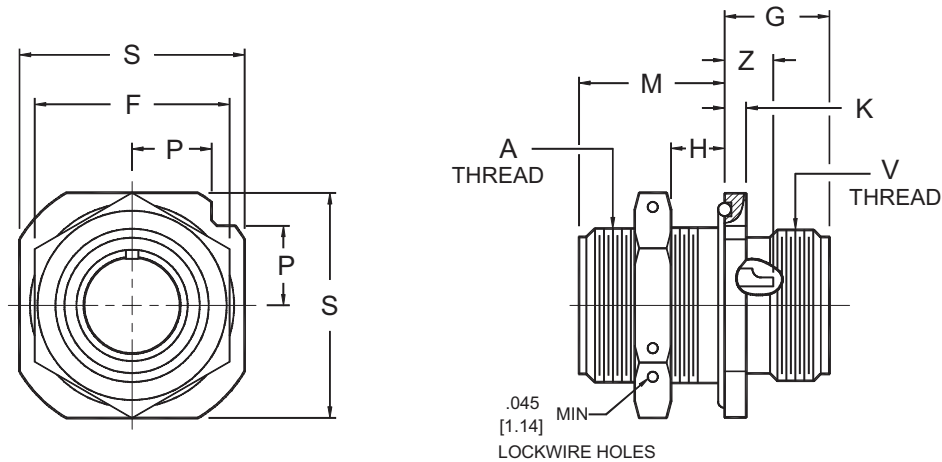
SHELL SIZE	A COUPLING THREAD CLASS 2A	F ±.016 [±0.41]	H PANEL THICKNESS		K ±.005 [±0.13]	M ±.010 [±0.25]	P ±.010 [±0.25]	S ±.010 [±0.25]	Z ±.045 [±1.14]
			MIN.	MAX.					
8S	1/2-28 UNEF	.688 [17.48]	0.00 [0.00]	.204 [5.18]	.156 [3.96]	.812 [20.62]	.309 [7.85]	.875 [22.23]	.281 [7.14]
10S	5/8-24 UNEF	.812 [20.62]	0.00 [0.00]	.204 [5.18]	.156 [3.96]	.812 [20.62]	.354 [8.99]	1.000 [25.40]	.281 [7.14]
10SL	5/8-24 UNEF	.812 [20.62]	0.00 [0.00]	.204 [5.18]	.156 [3.96]	.812 [20.62]	.354 [8.99]	1.000 [25.40]	.281 [7.14]
12S	3/4-20 UNEF	.938 [23.83]	0.00 [0.00]	.204 [5.18]	.156 [3.96]	.812 [20.62]	.397 [10.08]	1.125 [28.58]	.281 [7.14]
12	3/4-20 UNEF	.938 [23.83]	0.00 [0.00]	.329 [8.36]	.156 [3.96]	1.188 [30.18]	.397 [10.08]	1.125 [28.58]	.344 [8.74]
14S	7/8-20 UNEF	1.062 [26.97]	0.00 [0.00]	.142 [3.61]	.156 [3.96]	.812 [20.62]	.442 [11.23]	1.250 [31.75]	.281 [7.14]
14	7/8-20 UNEF	1.062 [26.97]	0.00 [0.00]	.267 [6.78]	.156 [3.96]	1.188 [30.18]	.442 [11.23]	1.250 [31.75]	.344 [8.74]
16S	1-20 UNEF	1.250 [31.75]	0.00 [0.00]	.142 [3.61]	.156 [3.96]	.812 [20.62]	.486 [12.34]	1.375 [34.93]	.281 [7.14]
16	1-20 UNEF	1.250 [31.75]	0.00 [0.00]	.267 [6.78]	.156 [3.96]	1.188 [30.18]	.486 [12.34]	1.375 [34.93]	.344 [8.74]
18	1 1/8-18 UNEF	1.312 [33.32]	0.00 [0.00]	.235 [5.97]	.188 [4.78]	1.156 [29.36]	.575 [14.61]	1.625 [41.28]	.375 ² [9.52]
20	1 1/4-18 UNEF	1.500 [38.10]	0.00 [0.00]	.235 [5.97]	.188 [4.78]	1.156 [29.36]	.619 [15.72]	1.750 [44.45]	.375 ² [9.52]
22	1 3/8-18 UNEF	1.562 [39.67]	0.00 [0.00]	.235 [5.97]	.188 [4.78]	1.156 [29.36]	.663 [16.84]	1.875 [47.63]	.375 ² [9.52]
24	1 1/2-18 UNEF	1.750 [44.45]	0.00 [0.00]	.298 [7.57]	.188 [4.78]	1.219 [30.96]	.707 [17.96]	2.000 [50.80]	.312 ² [7.92]
28	1 3/4-18 UNS	2.000 [50.80]	0.00 [0.00]	.298 [7.57]	.188 [4.78]	1.219 [30.96]	.795 [20.19]	2.250 [57.15]	.312 ² [7.92]
32	2-18 UNS	2.188 [55.58]	0.00 [0.00]	.329 [8.36]	.219 [5.56]	1.250 [31.75]	.884 [22.45]	2.500 [63.50]	.281 ² [7.14]
36	2 1/4-16 UN	2.438 [61.93]	0.00 [0.00]	.298 [7.57]	.219 [5.56]	1.250 [31.75]	.972 [24.69]	2.750 [69.85]	.281 ² [7.14]
40	2 1/2-16 UN	2.812 [71.42]	0.00 [0.00]	.298 [7.57]	.219 [5.56]	1.250 [31.75]	1.060 [26.92]	3.000 [76.20]	.281 ² [7.14]

Dimensions in brackets [] are in millimeters.

JAM NUT RECEPTACLE

SCP04U

SCP874*-*

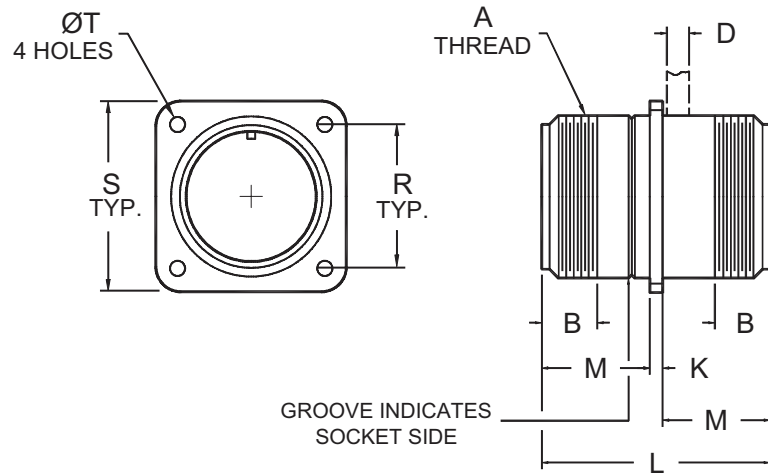


SCP04U* With rear accessory, threads, environmental, less grommet

SCP874*-* With rear accessory, threads, environmental, less grommet

SHELL SIZE	A COUPLING THREAD CLASS 2A	F ±.016 [±0.41]	G ±.015 [±0.38]	H PANEL THICKNESS		K ±.005 [±0.13]	M ±.010 [±0.25]	P ±.010 [±0.25]	S ±.010 [±0.25]	V THREAD CLASS 2A	Z ±.045 [±1.14]
				MIN.	MAX.						
10S	5/8-24 UNEF	.812 [20.62]	.525 [13.34]	0.00 [0.00]	.197 [5.00]	.125 [3.18]	.806 [20.47]	.354 [8.99]	1.000 [25.40]	1/2-28 UNEF	.288 [7.32]
10SL	5/8-24 UNEF	.812 [20.62]	.525 [13.34]	0.00 [0.00]	.197 [5.00]	.125 [3.18]	.806 [20.47]	.354 [8.99]	1.000 [25.40]	5/8-24 UNEF	.288 [7.32]
12S	3/4-20 UNEF	.938 [23.83]	.525 [13.34]	0.00 [0.00]	.197 [5.00]	.125 [3.18]	.806 [20.47]	.397 [10.08]	1.125 [28.58]	5/8-24 UNEF	.288 [7.32]
12	3/4-20 UNEF	.938 [23.83]	.713 [18.11]	0.00 [0.00]	.197 [5.00]	.125 [3.18]	1.055 [26.80]	.397 [10.08]	1.125 [28.58]	5/8-24 UNEF	.477 [12.12]
14S	7/8-20 UNEF	1.062 [26.97]	.525 [13.34]	0.00 [0.00]	.199 [5.05]	.125 [3.18]	.869 [22.07]	.442 [11.23]	1.250 [31.75]	3/4-20 UNEF	.225 [5.72]
14	7/8-20 UNEF	1.062 [26.97]	.713 [18.11]	0.00 [0.00]	.134 [3.40]	.125 [3.18]	1.055 [26.80]	.442 [11.23]	1.250 [31.75]	3/4-20 UNEF	.477 [12.12]
16S	1-20 UNEF	1.250 [31.75]	.525 [13.34]	0.00 [0.00]	.199 [5.05]	.125 [3.18]	.869 [22.07]	.486 [12.34]	1.375 [34.93]	7/8-20 UNEF	.225 [5.72]
16	1-20 UNEF	1.250 [31.75]	.713 [18.11]	0.00 [0.00]	.134 [3.40]	.125 [3.18]	1.055 [26.80]	.486 [12.34]	1.375 [34.93]	7/8-20 UNEF	.477 [12.12]
18	1 1/8-18 UNEF	1.312 [33.32]	.729 [18.52]	0.00 [0.00]	.134 [3.40]	.156 [3.96]	1.055 [26.80]	.575 [14.61]	1.625 [41.28]	1-20 UNEF	.477 [12.12]
20	1 1/4-18 UNEF	1.500 [38.10]	.729 [18.52]	0.00 [0.00]	.134 [3.40]	.156 [3.96]	1.055 [26.80]	.619 [15.72]	1.750 [44.45]	1 1/8-18 UNEF	.477 [12.12]
22	1 3/8-18 UNEF	1.562 [39.67]	.729 [18.52]	0.00 [0.00]	.134 [3.40]	.156 [3.96]	1.055 [26.80]	.663 [16.84]	1.875 [47.63]	1 1/4-18 UNEF	.477 [12.12]
24	1.1/2-18 UNEF	1.750 [44.45]	.745 [18.92]	0.00 [0.00]	.167 [4.24]	.172 [4.37]	1.088 [27.64]	.707 [17.96]	2.000 [50.80]	1 3/8-18 UNEF	.443 [11.25]
28	1 3/4-18 UNS	2.000 [50.80]	.745 [18.92]	0.00 [0.00]	.167 [4.24]	.172 [4.37]	1.088 [27.64]	.795 [20.19]	2.250 [57.15]	1 5/8-18 UNEF	.443 [11.25]
32	2-18 UNS	2.188 [55.58]	.761 [19.33]	0.00 [0.00]	.135 [3.43]	.188 [4.78]	1.056 [26.82]	.884 [22.45]	2.500 [63.50]	1 7/8-16 UNEF	.477 [12.12]
36	2 1/4-16 UN	2.438 [61.93]	.761 [19.33]	0.00 [0.00]	.166 [4.22]	.188 [4.78]	1.118 [28.40]	.972 [24.69]	2.750 [69.85]	2 1/16-16 UN	.414 [10.52]
40	2 1/2-16 UN	2.812 [71.42]	.761 [19.33]	0.00 [0.00]	.166 [4.22]	.188 [4.78]	1.118 [28.40]	1.060 [26.92]	3.000 [76.20]	2 5/16-16 UN	.414 [10.52]

Dimensions in brackets [] are in millimeters.



TBF* Environmental

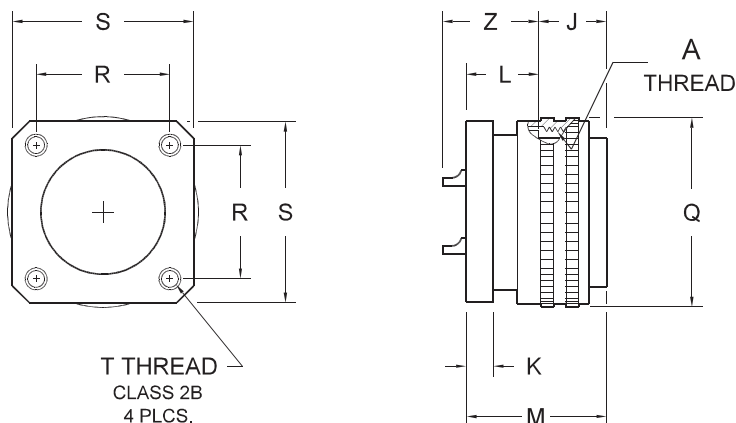
SHELL SIZE	A COUPLING THREAD CLASS 2A	B MIN. FULL THD.	D MAX. PANEL THICKNESS	K REF.	L ±.015 [±0.38]	M +.000 -.010 [+0.00] [-0.25]	R ±.005 [±0.13]	S ±.020 [±0.51]	T +.004 -.002 [+0.10] [-0.05]
8S	.500-28 UNEF	.406 [10.31]	.266 [6.76]	.141 [3.58]	1.563 [39.70]	.711 [18.06]	.594 [15.09]	.875 [22.22]	.120 [3.05]
10S	.625-24 UNEF	.406 [10.31]	.266 [6.76]	.141 [3.58]	1.563 [39.70]	.711 [18.06]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
10SL	.625-24 UNEF	.406 [10.31]	.266 [6.76]	.141 [3.58]	1.563 [39.70]	.711 [18.06]	.719 [18.26]	1.000 [25.40]	.120 [3.05]
12S	.750-20 UNEF	.406 [10.31]	.266 [6.76]	.141 [3.58]	1.563 [39.70]	.711 [18.06]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
12	.750-20 UNEF	.625 [15.88]	.312 [7.92]	.155 [3.94]	2.125 [53.98]	.985 [25.02]	.812 [20.62]	1.094 [27.79]	.120 [3.05]
14S	.875-20 UNEF	.406 [10.31]	.266 [6.76]	.141 [3.58]	1.563 [39.70]	.711 [18.06]	.906 [23.01]	1.188 [30.18]	.120 [3.05]
14	.875-20 UNEF	.625 [15.88]	.312 [7.92]	.155 [3.94]	2.125 [53.98]	.985 [25.02]	.906 [23.01]	1.188 [30.18]	.120 [3.05]
16S	1.000-20 UNEF	.406 [10.31]	.266 [6.76]	.141 [3.58]	1.563 [39.70]	.711 [18.06]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
16	1.000-20 UNEF	.625 [15.88]	.312 [7.92]	.155 [3.94]	2.125 [53.98]	.985 [25.02]	.969 [24.61]	1.281 [32.54]	.120 [3.05]
18	1.125-18 UNEF	.625 [15.88]	.312 [7.92]	.155 [3.94]	2.125 [53.98]	.985 [25.02]	1.062 [26.97]	1.375 [34.92]	.120 [3.05]
20	1.250-18 UNEF	.625 [15.88]	.312 [7.92]	.155 [3.94]	2.125 [53.98]	.985 [25.02]	1.156 [29.36]	1.500 [38.10]	.120 [3.05]
22	1.375-18 UNEF	.625 [15.88]	.312 [7.92]	.155 [3.94]	2.125 [53.98]	.985 [25.02]	1.250 [31.75]	1.625 [41.27]	.120 [3.05]
24	1.500-18 UNEF	.625 [15.88]	.312 [7.92]	.155 [3.94]	2.125 [53.98]	.985 [25.02]	1.375 [34.92]	1.750 [44.45]	.147 [3.73]
28	1.750-18 UNS	.625 [15.88]	.312 [7.92]	.155 [3.94]	2.125 [53.98]	.985 [25.02]	1.562 [39.67]	2.000 [50.80]	.147 [3.73]
32	2.000-18 UNS	.625 [15.88]	.312 [7.92]	.155 [3.94]	2.125 [53.98]	.985 [25.02]	1.750 [44.45]	2.250 [57.15]	.173 [4.39]
36	2.250-16 UN	.625 [15.88]	.312 [7.92]	.155 [3.94]	2.125 [53.98]	.985 [25.02]	1.983 [50.37]	2.500 [63.50]	.173 [4.39]
40	2.500-16 UN	.625 [15.88]	.312 [7.92]	.155 [3.94]	2.125 [53.98]	.985 [25.02]	2.188 [55.58]	2.750 [69.85]	.173 [4.39]

Dimensions in brackets [] are in millimeters.

PANEL MOUNT PLUG

SCP05Z AMPHENOL 97-5105 "R1" DIMENSION

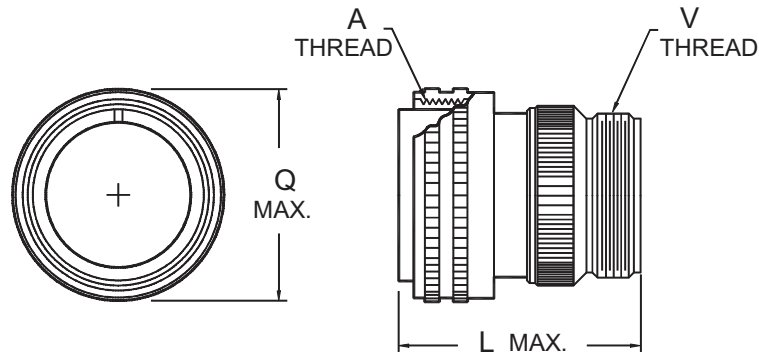
SCP06PPFP VEAM VS2600 "R2" DIMENSION



SCP05Z* Non-environmental SCP06PPFP* Non-environmental

SHELL SIZE	A COUPLING THREAD CLASS 2B	J ±.005 [±0.13]	K ±.005 [±0.13]	L ±.020 [±0.51]	M REF.	Q DIA. MAX	R1 ±.005 [±0.13]	R2 ±.005 [±0.13]	S ±.020 [±0.51]	T THREAD CLASS 2B [+0.10] [-0.05]	Z ±.045 [±1.14]
8S	1/2-28 UNEF	.531 [13.49]	.125 [3.18]	.463 [11.76]	.994 [25.24]	.732 [18.59]	.562 [14.27]	.594 [15.09]	.781 [19.84]	4-40NC	.562 [14.27]
10S	5/8-24 UNEF	.531 [13.49]	.125 [3.18]	.463 [11.76]	.994 [25.24]	.844 [21.44]	.562 [14.27]	.719 [18.26]	.781 [19.84]	4-40NC	.562 [14.27]
10SL	5/8-24 UNEF	.531 [13.49]	.126 [3.20]	.463 [11.76]	.994 [25.24]	.946 [24.03]	.562 [14.27]	.719 [18.26]	.781 [19.84]	4-40NC	.562 [14.27]
12	3/4-20 UNEF	.719 [18.26]	.156 [3.96]	.650 [16.51]	1.369 [34.77]	.987 [25.07]	.812 [20.62]	.812 [20.62]	1.062 [26.97]	4-40NC	.812 [20.62]
12S	3/4-20 UNEF	.531 [13.49]	.156 [3.96]	.463 [11.76]	.994 [25.24]	.987 [25.07]	.812 [20.62]	.812 [20.62]	1.062 [26.97]	4-40NC	.562 [14.27]
14	7/8-20 UNEF	.719 [18.26]	.156 [3.96]	.650 [16.51]	1.369 [34.77]	1.114 [28.30]	.812 [20.62]	.906 [23.01]	1.062 [26.97]	4-40NC	.812 [20.62]
14S	7/8-20 UNEF	.531 [13.49]	.156 [3.96]	.463 [11.76]	.994 [25.24]	1.114 [28.30]	.812 [20.62]	.906 [23.01]	1.062 [26.97]	4-40NC	.562 [14.27]
16	1-20 UNEF	.719 [18.26]	.156 [3.96]	.650 [16.51]	1.369 [34.77]	1.226 [31.14]	1.000 [25.40]	.969 [24.61]	1.312 [33.32]	6-32NC	.812 [20.62]
16S	1-20 UNEF	.531 [13.49]	.156 [3.96]	.463 [11.76]	.994 [25.24]	1.226 [31.14]	1.000 [25.40]	.969 [24.61]	1.312 [33.32]	6-32NC	.562 [14.27]
18	1 1/8-18 UNEF	.719 [18.26]	.156 [3.96]	.650 [16.51]	1.369 [34.77]	1.353 [34.37]	1.000 [25.40]	1.062 [26.97]	1.312 [33.32]	6-32NC	.812 [20.62]
20	1 1/4-18 UNEF	.719 [18.26]	.188 [4.78]	.650 [16.51]	1.369 [34.77]	1.483 [37.67]	1.250 [31.75]	1.156 [29.36]	1.625 [41.28]	10-32NF	.812 [20.62]
22	1 3/8-18 UNEF	.719 [18.26]	.188 [4.78]	.650 [16.51]	1.369 [34.77]	1.608 [40.84]	1.250 [31.75]	1.250 [31.75]	1.625 [41.28]	10-32NF	.812 [20.62]
24	1 1/2-18 UNEF	.719 [18.26]	.188 [4.78]	.712 [18.08]	1.431 [36.34]	1.735 [44.07]	1.562 [39.67]	1.375 [34.92]	2.000 [50.80]	10-32NF	.812 [20.62]
28	1 3/4-18 UNS	.719 [18.26]	.188 [4.78]	.712 [18.08]	1.431 [36.34]	1.971 [50.06]	1.562 [39.67]	1.562 [39.67]	2.000 [50.80]	10-32NF	.812 [20.62]
32	2-18 UNS	.719 [18.26]	.250 [6.35]	.775 [19.68]	1.494 [37.94]	2.228 [56.59]	1.812 [46.02]	1.750 [44.45]	2.500 [63.50]	10-32NF	.812 [20.62]
36	2 1/4-16 UN	.719 [18.26]	.250 [6.35]	.775 [19.68]	1.494 [37.94]	2.483 [63.07]	1.812 [46.02]	1.937 [49.20]	2.500 [63.50]	10-32NF	.812 [20.62]
40	2 1/2-16 UN	.719 [18.26]	.250 [6.35]	.775 [19.68]	1.494 [37.94]	2.737 [69.52]	2.250 [57.15]	2.188 [55.58]	3.031 [76.99]	10-32NF	.812 [20.62]

Dimensions in brackets [] are in millimeters.



SCP06A* Threaded adapter, non-environmental, less grommet

SCPG06A* Same as above, with grounding spring

SCP06B* Threaded adapter, environmental, with grommet

SCPG06B* Same as above, with grounding spring

SCP06C* Threaded adapter, environmental, less grommet

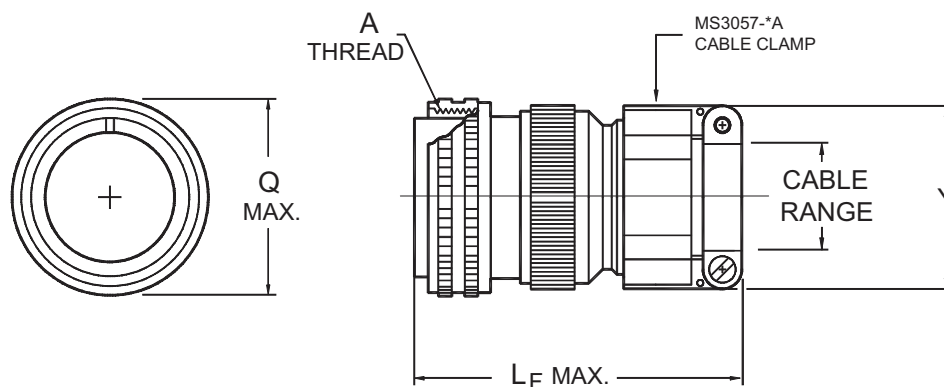
SCPG06C* Same as above, with grounding spring

SHELL SIZE	A COUPLING THREAD CLASS 2B	L MAX.	Q MAX.	V ACCESSORY THREAD CLASS 2A
8S	1/2-28 UNEF	1.469 [37.31]	.844 [21.44]	1/2-28 UNEF
10S	5/8-24 UNEF	1.531 [38.89]	.969 [24.61]	1/2-28 UNEF
10SL	5/8-24 UNEF	1.531 [38.89]	.969 [24.61]	5/8-24 UNEF
12	3/4-20 UNEF	2.062 [52.37]	1.062 [26.97]	5/8-24 UNEF
12S	3/4-20 UNEF	1.688 [42.88]	1.062 [26.97]	5/8-24 UNEF
14	7/8-20 UNEF	2.062 [52.37]	1.156 [29.36]	3/4-20 UNEF
14S	7/8-20 UNEF	1.688 [42.88]	1.156 [29.36]	3/4-20 UNEF
16	1-20 UNEF	2.062 [52.37]	1.250 [31.75]	7/8-20 UNEF
16S	1-20 UNEF	1.688 [42.88]	1.250 [31.75]	7/8-20 UNEF
18	1 1/8-18 UNEF	2.062 [52.37]	1.344 [34.14]	1-20 UNEF
20	1 1/4-18 UNEF	2.188 [55.58]	1.469 [37.31]	1 3/16-18 UNEF
22	1 3/8-18 UNEF	2.188 [55.58]	1.594 [40.49]	1 3/16-18 UNEF
24	1 1/2-18 UNEF	2.312 [58.72]	1.719 [43.66]	1 7/16-18 UNEF
28	1 3/4-18 UNS	2.312 [58.72]	1.969 [50.01]	1 7/16-18 UNEF
32	2-18 UNS	2.438 [61.93]	2.219 [56.36]	1 3/4-18 UNS
36	2 1/4-16 UN	2.438 [61.93]	2.469 [62.71]	2-18 UNS
40	2 1/2-16 UN	2.438 [61.93]	2.719 [69.06]	2 1/4-16 UN
44	2 3/4-16 UN	2.562 [65.07]	3.000 [76.20]	2 1/2-16 UN
48	3-16 UN	2.562 [65.07]	3.250 [82.55]	3-16 UN

Dimensions in brackets [] are in millimeters.

STRAIGHT PLUG

SCP06D, F
SCPG06D, F



SCP06D* Two (2) piece backshell w/ MS3057*A clamp, environmental, less grommet

SCPG06D* Same as above, with grounding spring

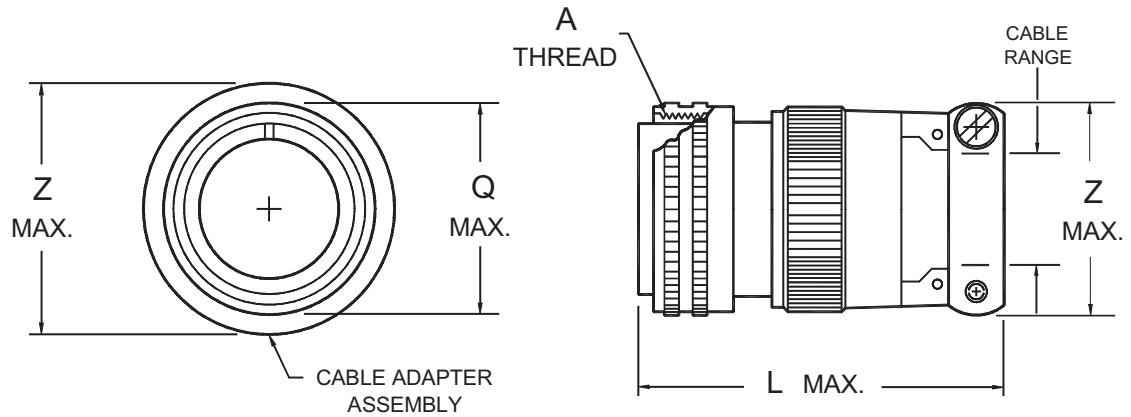
SCP06F* Two (2) piece backshell w/ MS3057*A clamp, environmental, with grommet[⊙]

SCPG06F* Same as above, with grounding spring[⊙]

SHELL SIZE	A COUPLING THREAD CLASS 2B	L _F MAX.	Q MAX.	Y ±.020 [±0.51]	CABLE RANGE	
					OPEN	CLOSED
8S	1/2-28 UNEF	2.225 [56.52]	.844 [21.44]	.825 [20.96]	.250 [6.35]	.125 [3.18]
10S	5/8-24 UNEF	2.300 [58.42]	.969 [24.61]	.825 [20.96]	.250 [6.35]	.125 [3.18]
10SL	5/8-24 UNEF	2.300 [58.42]	.969 [24.61]	.938 [23.83]	.312 [7.92]	.125 [3.18]
12	3/4-20 UNEF	2.900 [73.66]	1.062 [26.97]	.938 [23.83]	.312 [7.92]	.125 [3.18]
12S	3/4-20 UNEF	2.500 [63.50]	1.062 [26.97]	.938 [23.83]	.312 [7.92]	.125 [3.18]
14	7/8-20 UNEF	2.900 [73.66]	1.156 [29.36]	1.125 [28.58]	.438 [11.13]	.250 [6.35]
14S	7/8-20 UNEF	2.500 [63.50]	1.156 [29.36]	1.125 [28.58]	.438 [11.13]	.250 [6.35]
16	1-20 UNEF	2.900 [73.66]	1.250 [31.75]	1.312 [33.32]	.562 [14.27]	.312 [7.92]
16S	1-20 UNEF	2.500 [63.50]	1.250 [31.75]	1.312 [33.32]	.562 [14.27]	.312 [7.92]
18	1 1/8-18 UNEF	2.900 [73.66]	1.344 [34.14]	1.312 [33.32]	.625 [15.88]	.350 [8.89]
20	1 1/4-18 UNEF	3.000 [76.20]	1.469 [37.31]	1.531 [38.89]	.750 [19.05]	.500 [12.70]
22	1 3/8-18 UNEF	3.000 [76.20]	1.594 [40.49]	1.531 [38.89]	.750 [19.05]	.500 [12.70]
24	1 1/2-18 UNEF	3.250 [82.55]	1.719 [43.66]	1.750 [44.45]	.938 [23.83]	.625 [15.88]
28	1 3/4-18 UNS	3.250 [82.55]	1.969 [50.01]	1.750 [44.45]	.938 [23.83]	.625 [15.88]
32	2-18 UNS	3.600 [91.44]	2.219 [56.36]	2.093 [53.16]	1.250 [31.75]	.875 [22.23]
36	2 1/4-16 UN	3.600 [91.44]	2.469 [62.71]	2.343 [59.51]	1.375 [34.93]	1.000 [25.40]
40	2 1/2-16 UN	3.900 [99.06]	2.719 [69.06]	2.750 [69.85]	1.625 [41.28]	1.250 [31.75]
44	2 3/4-16 UN	4.000 [101.60]	3.000 [76.20]	3.000 [76.20]	1.875 [47.63]	1.437 [36.50]
48	3-16 UN	4.225 [107.32]	3.250 [82.55]	3.530 [89.66]	2.375 [60.33]	1.650 [41.91]

Dimensions in brackets [] are in millimeters.

⊙ Plug has "O" ring under coupling nut.



SCP06E* One (1) piece backshell, environmental, with grommet
SCPG06E* Same as above, with grounding spring
SCP06G* One (1) piece backshell, environmental, with grommet®
SCPG06G* Same as above, with grounding spring®

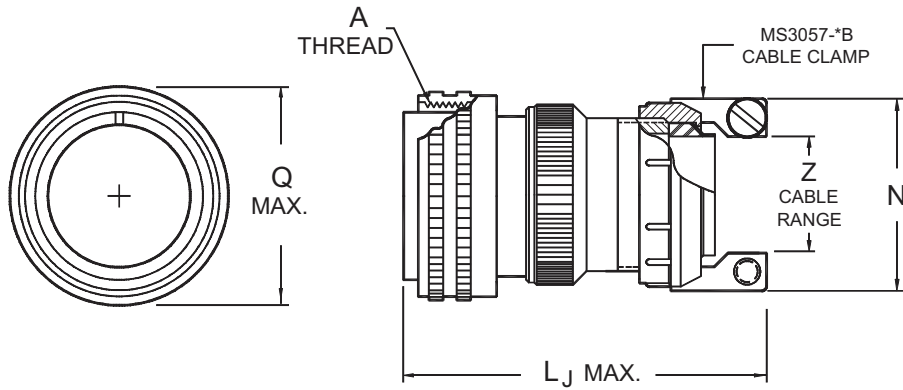
SHELL SIZE	A COUPLING THREAD CLASS 2B	L MAX.	Q MAX.	Z MAX.	CABLE RANGE	
					OPEN	CLOSED
8S	1/2-28 UNEF	2.250 [57.15]	.844 [21.44]	1.046 [26.57]	.250 [6.35]	.125 [3.18]
10S	5/8-24 UNEF	2.250 [57.15]	.969 [24.61]	1.046 [26.57]	.250 [6.35]	.125 [3.18]
10SL	5/8-24 UNEF	2.250 [57.15]	.969 [24.61]	1.125 [28.57]	.312 [7.92]	.125 [3.18]
12	3/4-20 UNEF	2.625 [66.67]	1.062 [26.97]	1.125 [28.57]	.312 [7.92]	.125 [3.18]
12S	3/4-20 UNEF	2.250 [57.15]	1.062 [26.97]	1.125 [28.57]	.312 [7.92]	.125 [3.18]
14	7/8-20 UNEF	2.625 [66.67]	1.156 [29.36]	1.343 [34.11]	.438 [11.13]	.250 [6.35]
14S	7/8-20 UNEF	2.250 [57.15]	1.156 [29.36]	1.343 [34.11]	.438 [11.13]	.250 [6.35]
16	1-20 UNEF	2.625 [66.67]	1.250 [31.75]	1.484 [37.69]	.562 [14.27]	.312 [7.92]
16S	1-20 UNEF	2.250 [57.15]	1.250 [31.75]	1.484 [37.69]	.562 [14.27]	.312 [7.92]
18	1 1/8-18 UNEF	2.688 [68.28]	1.344 [34.14]	1.609 [40.87]	.625 [15.88]	.350 [8.89]
20	1 1/4-18 UNEF	2.750 [69.85]	1.469 [37.31]	1.890 [48.01]	.750 [19.05]	.500 [12.70]
22	1 3/8-18 UNEF	2.750 [69.85]	1.594 [40.49]	1.890 [48.01]	.750 [19.05]	.500 [12.70]
24	1 1/2-18 UNEF	2.969 [75.41]	1.719 [43.66]	2.170 [55.12]	.938 [23.83]	.625 [15.88]
28	1 3/4-18 UNS	3.031 [76.99]	1.969 [50.01]	2.170 [55.12]	.938 [23.83]	.625 [15.88]
32	2-18 UNS	3.031 [76.99]	2.219 [56.36]	2.656 [67.46]	1.250 [31.75]	.875 [22.23]
36	2 1/4-16 UN	3.281 [83.34]	2.469 [62.71]	2.922 [74.22]	1.375 [34.93]	1.000 [25.40]
40	2 1/2-16 UN	3.500 [88.90]	2.719 [69.06]	3.520 [89.41]	1.625 [41.28]	1.250 [31.75]

Dimensions in brackets [] are in millimeters.
 ♂ Plug has "O" ring under coupling nut.

STRAIGHT PLUG

SCP06J

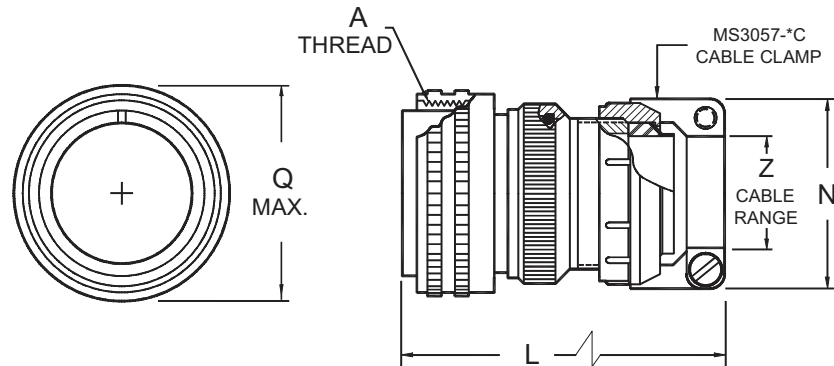
SCPG06J



SCP06J* Two (2) piece backshell w/ MS3057*B clamp, environmental, less grommet
SCPG06J* Same as above, with grounding spring

SHELL SIZE	A COUPLING THREAD CLASS 2B	L _j MAX.	N MAX.	Q MAX.	CABLE CLAMP	Z CABLE RANGE	
						FREE	CLOSED
8S	1/2-28 UNEF	2.225 [56.52]	.812 [20.62]	.844 [21.44]	MS3057-3B	.219 [5.56]	.031 [0.79]
10S	5/8-24 UNEF	2.300 [58.42]	.812 [20.62]	.969 [24.61]	MS3057-3B	.219 [5.56]	.031 [0.79]
10SL	5/8-24 UNEF	2.300 [58.42]	.937 [23.80]	.969 [24.61]	MS3057-4B	.312 [7.92]	.094 [2.39]
12	3/4-20 UNEF	2.900 [73.66]	.937 [23.80]	1.062 [26.97]	MS3057-4B	.312 [7.92]	.094 [2.39]
12S	3/4-20 UNEF	2.500 [63.50]	.937 [23.80]	1.062 [26.97]	MS3057-4B	.312 [7.92]	.094 [2.39]
14	7/8-20 UNEF	2.900 [73.66]	1.062 [26.97]	1.156 [29.36]	MS3057-6B	.438 [11.13]	.250 [6.35]
14S	7/8-20 UNEF	2.500 [63.50]	1.062 [26.97]	1.156 [29.36]	MS3057-6B	.438 [11.13]	.250 [6.35]
16	1-20 UNEF	2.900 [73.66]	1.188 [30.18]	1.250 [31.75]	MS3057-8B	.531 [13.49]	.312 [7.92]
16S	1-20 UNEF	2.500 [63.50]	1.188 [30.18]	1.250 [31.75]	MS3057-8B	.531 [13.49]	.312 [7.92]
18	1 1/8-18 UNEF	2.900 [73.66]	1.312 [33.32]	1.344 [34.14]	MS3057-10B	.625 [15.88]	.375 [9.52]
20	1 1/4-18 UNEF	3.000 [76.20]	1.562 [39.67]	1.469 [37.31]	MS3057-12B	.750 [19.05]	.500 [12.70]
22	1 3/8-18 UNEF	3.000 [76.20]	1.562 [39.67]	1.594 [40.49]	MS3057-12B	.750 [19.05]	.500 [12.70]
24	1 1/2-18 UNEF	3.250 [82.55]	1.750 [44.45]	1.719 [43.66]	MS3057-16B	.938 [23.83]	.594 [15.09]
28	1 3/4-18 UNS	3.250 [82.55]	1.750 [44.45]	1.969 [50.01]	MS3057-16B	.938 [23.83]	.594 [15.09]
32	2-18 UNS	3.600 [91.44]	2.250 [57.15]	2.219 [56.36]	MS3057-20B	1.250 [31.75]	.938 [23.83]
36	2 1/4-16 UN	3.600 [91.44]	2.375 [60.33]	2.469 [62.71]	MS3057-24B	1.375 [34.93]	.969 [24.61]
40	2 1/2-16 UN	3.900 [99.06]	2.625 [66.68]	2.719 [69.06]	MS3057-28B	1.625 [41.28]	1.188 [30.18]
44	2 3/4-16 UN	4.000 [101.60]	2.812 [71.42]	3.000 [76.20]	MS3057-32B	1.875 [47.63]	1.375 [34.93]
48	3-16 UN	4.225 [107.32]	3.312 [84.12]	3.250 [82.55]	MS3057-40B	2.375 [60.33]	1.875 [47.63]

Dimensions in brackets [] are in millimeters.



SCP06K* Two (2) piece backshell w/ MS3057*C clamp, environmental, less grommet
SCPG06K* Same as above, with grounding spring
SCP06 LCF* Extended length backshell, environmental, less grommet
SCPG06 LCF* Same as above, with grounding spring
SCP06 LCFZ* Extended length backshell, environmental, with grommet
SCPG06 LCFZ* Same as above, with grounding spring

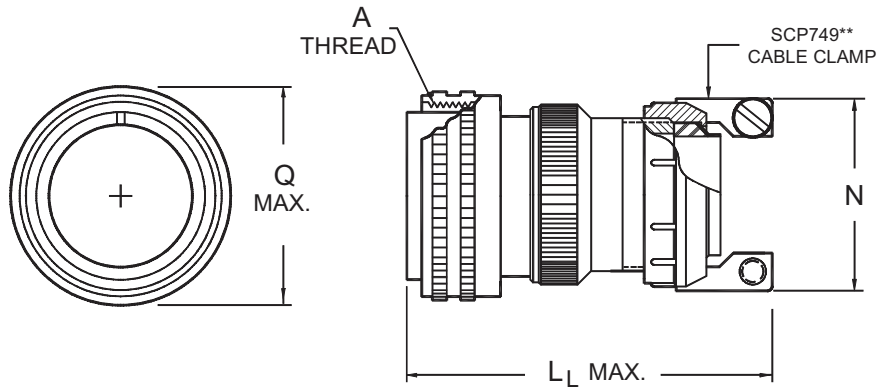
SHELL SIZE	A COUPLING THREAD CLASS 2B	L MAX.		N MAX.	Q MAX.	CABLE CLAMP	Z CABLE RANGE	
		K SERIES	LCF SERIES				FREE	CLOSED
8S	1/2-28 UNEF	2.225 [56.52]	4.00 [101.6]	.812 [20.62]	.844 [21.44]	MS3057-3C	.219 [5.56]	.031 [0.79]
10S	5/8-24 UNEF	2.300 [58.42]	4.00 [101.6]	.812 [20.62]	.969 [24.61]	MS3057-3C	.219 [5.56]	.031 [0.79]
10SL	5/8-24 UNEF	2.300 [58.42]	4.00 [101.6]	.937 [23.80]	.969 [24.61]	MS3057-4C	.312 [7.92]	.094 [2.39]
12	3/4-20 UNEF	2.900 [73.66]	4.50 [114.0]	.937 [23.80]	1.062 [26.97]	MS3057-4C	.312 [7.92]	.094 [2.39]
12S	3/4-20 UNEF	2.500 [63.50]	4.00 [101.6]	.937 [23.80]	1.062 [26.97]	MS3057-4C	.312 [7.92]	.094 [2.39]
14	7/8-20 UNEF	2.900 [73.66]	4.50 [114.0]	1.062 [26.97]	1.156 [29.36]	MS3057-6C	.438 [11.13]	.250 [6.35]
14S	7/8-20 UNEF	2.500 [63.50]	4.00 [101.6]	1.062 [26.97]	1.156 [29.36]	MS3057-6C	.438 [11.13]	.250 [6.35]
16	1-20 UNEF	2.900 [73.66]	4.50 [114.0]	1.188 [30.18]	1.250 [31.75]	MS3057-8C	.531 [13.49]	.312 [7.92]
16S	1-20 UNEF	2.500 [63.50]	4.00 [101.6]	1.188 [30.18]	1.250 [31.75]	MS3057-8C	.531 [13.49]	.312 [7.92]
18	1 1/8-18 UNEF	2.900 [73.66]	4.69 [119.0]	1.312 [33.32]	1.344 [34.14]	MS3057-10C	.625 [15.88]	.375 [9.52]
20	1 1/4-18 UNEF	3.000 [76.20]	4.69 [119.0]	1.562 [39.67]	1.469 [37.31]	MS3057-12C	.750 [19.05]	.500 [12.70]
22	1 3/8-18 UNEF	3.000 [76.20]	4.69 [119.0]	1.562 [39.67]	1.594 [40.49]	MS3057-12C	.750 [19.05]	.500 [12.70]
24	1 1/2-18 UNEF	3.250 [82.55]	4.90 [124.2]	1.750 [44.45]	1.719 [43.66]	MS3057-16C	.938 [23.83]	.594 [15.09]
28	1 3/4-18 UNS	3.250 [82.55]	5.13 [130.0]	1.750 [44.45]	1.969 [50.01]	MS3057-16C	.938 [23.83]	.594 [15.09]
32	2-18 UNS	3.600 [91.44]	5.39 [137.0]	2.250 [57.15]	2.219 [56.36]	MS3057-20C	1.250 [31.75]	.938 [23.83]
36	2 1/4-16 UN	3.600 [91.44]	5.67 [144.0]	2.375 [60.33]	2.469 [62.71]	MS3057-24C	1.375 [34.93]	.969 [24.61]
40	2 1/2-16 UN	3.900 [99.06]	5.67 [144.0]	2.625 [66.68]	2.719 [69.06]	MS3057-28C	1.625 [41.28]	1.188 [30.18]
44	2 3/4-16 UN	4.000 [101.60]	*	2.812 [71.42]	3.000 [76.20]	MS3057-32C	1.875 [47.63]	1.375 [34.93]
48	3-16 UN	4.225 [107.32]	*	3.312 [84.12]	3.250 [82.55]	MS3057-40C	2.375 [60.33]	1.875 [47.63]

Dimensions in brackets [] are in millimeters.

STRAIGHT PLUG

SCP06L

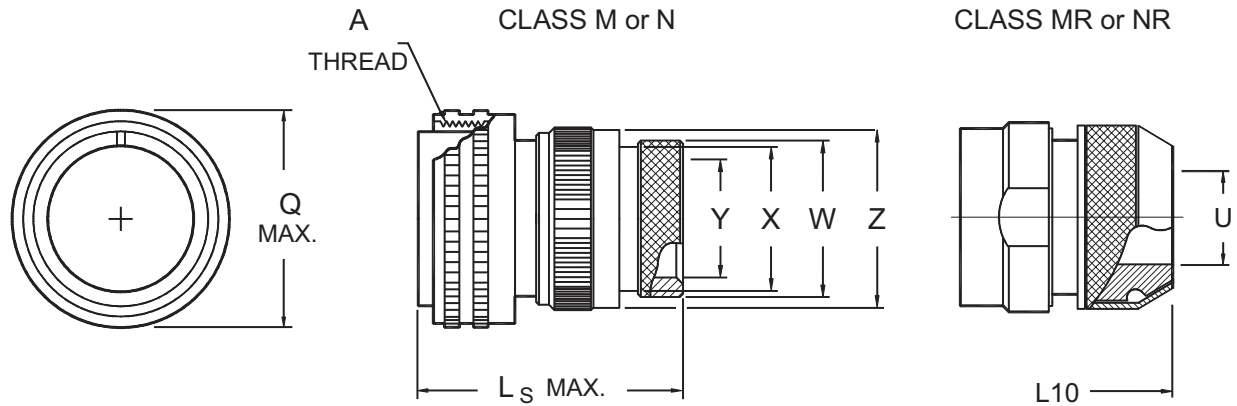
SCPG06L



SCP06L* Two (2) piece backshell w/ SCP749** clamp, environmental, with grommet
SCPG06L* Same as above, with grounding spring

SHELL SIZE	A COUPLING THREAD CLASS 2B	L _L MAX.	N MAX.	Q MAX.	CABLE CLAMP
8S	1/2-28 UNEF	2.225 [56.52]	.807 [20.50]	.844 [21.44]	SCP74908-*
10S	5/8-24 UNEF	2.300 [58.42]	.807 [20.50]	.969 [24.61]	SCP74910-*
10SL	5/8-24 UNEF	2.300 [58.42]	.901 [22.89]	.969 [24.61]	SCP74911-*
12	3/4-20 UNEF	2.900 [73.66]	.901 [22.89]	1.062 [26.97]	SCP74912-*
12S	3/4-20 UNEF	2.500 [63.50]	.901 [22.89]	1.062 [26.97]	SCP74913-*
14	7/8-20 UNEF	2.900 [73.66]	1.026 [26.06]	1.156 [29.36]	SCP74914-*
14S	7/8-20 UNEF	2.500 [63.50]	1.026 [26.06]	1.156 [29.36]	SCP74915-*
16	1-20 UNEF	2.900 [73.66]	1.119 [28.42]	1.250 [31.75]	SCP74916-*
16S	1-20 UNEF	2.500 [63.50]	1.119 [28.42]	1.250 [31.75]	SCP74917-*
18	1 1/8-18 UNEF	2.900 [73.66]	1.229 [31.22]	1.344 [34.14]	SCP74918-*
20	1 1/4-18 UNEF	3.000 [76.20]	1.479 [37.57]	1.469 [37.31]	SCP74920-*
22	1 3/8-18 UNEF	3.000 [76.20]	1.479 [37.57]	1.594 [40.49]	SCP74922-*
24	1 1/2-18 UNEF	3.250 [82.55]	1.666 [42.32]	1.719 [43.66]	SCP74924-*
28	1 3/4-18 UNS	3.250 [82.55]	1.666 [42.32]	1.969 [50.01]	SCP74928-*
32	2-18 UNS	3.600 [91.44]	2.135 [54.23]	2.219 [56.36]	SCP74932-*
36	2 1/4-16 UN	3.600 [91.44]	2.260 [57.40]	2.469 [62.71]	SCP74936-*
40	2 1/2-16 UN	3.900 [99.06]	2.510 [63.75]	2.719 [69.06]	SCP74940-*
44	2 3/4-16 UN	4.000 [101.60]	2.812 [71.42]	3.000 [76.20]	SCP74944-*
48	3-16 UN	4.225 [107.32]	3.312 [84.12]	3.250 [82.55]	SCP74948-*

Dimensions in brackets [] are in millimeters.



SCP06M* Shrink boot adapter, environmental, less grommet[®]

SCP06MR* Same as above, for EMI/RFI shielding[®]

SCP06N* Shrink boot adapter, environmental, with grommet[®]

SCP06NR* Same as above, for EMI/RFI shielding[®]

SHELL SIZE	A COUPLING THREAD CLASS 2B	L _S MAX.	L ₁₀ MAX.	Q MAX.	U MAX.	W ±.008 [±0.20]	X MAX.	Y ±.004 [±0.10]	Z ±.008 [±0.20]
8S	1/2-28 UNEF	*	*	.844 [21.44]	*	-	-	-	-
10S	5/8-24 UNEF	2.140 [54.36]	*	.969 [24.61]	*	.605 [15.37]	.524 [13.30]	.311 [7.90]	.734 [18.64]
10SL	5/8-24 UNEF	2.140 [54.36]	2.023 [51.40]	.969 [24.61]	.338 [8.60]	.605 [15.37]	.524 [13.30]	.311 [7.90]	.734 [18.64]
12	3/4-20 UNEF	2.612 [66.34]	2.460 [62.50]	1.062 [26.97]	.378 [9.60]	.774 [19.66]	.524 [13.30]	.311 [7.90]	.858 [21.79]
12S	3/4-20 UNEF	2.140 [54.36]	2.023 [51.40]	1.062 [26.97]	.378 [9.60]	.774 [19.66]	.524 [13.30]	.311 [7.90]	.858 [21.79]
14	7/8-20 UNEF	2.612 [66.34]	2.460 [62.50]	1.156 [29.36]	.417 [10.60]	.838 [21.29]	.669 [17.00]	.425 [10.80]	.984 [24.99]
14S	7/8-20 UNEF	2.140 [54.36]	2.023 [51.40]	1.156 [29.36]	.417 [10.60]	.838 [21.29]	.669 [17.00]	.425 [10.80]	.984 [24.99]
16	1-20 UNEF	2.612 [66.34]	2.460 [62.50]	1.250 [31.75]	.531 [13.50]	.963 [24.46]	.862 [21.90]	.539 [13.70]	1.112 [28.24]
16S	1-20 UNEF	2.140 [54.36]	2.102 [53.40]	1.250 [31.75]	.531 [13.50]	.963 [24.46]	.862 [21.90]	.539 [13.70]	1.112 [28.24]
18	1 1/8-18 UNEF	2.612 [66.34]	2.508 [63.70]	1.344 [34.14]	.575 [14.60]	1.042 [26.47]	.885 [22.48]	.583 [14.80]	1.218 [26.50]
20	1 1/4-18 UNEF	2.809 [71.35]	2.508 [63.70]	1.469 [37.31]	.728 [18.50]	1.217 [30.91]	1.039 [26.39]	.744 [18.90]	1.345 [34.16]
22	1 3/8-18 UNEF	2.809 [71.35]	2.508 [63.70]	1.594 [40.49]	.819 [20.80]	1.355 [34.42]	1.129 [28.68]	.827 [21.00]	1.468 [37.29]
24	1 1/2-18 UNEF	2.809 [71.35]	2.535 [64.40]	1.719 [43.66]	.969 [24.60]	1.433 [36.40]	1.247 [34.50]	.976 [24.80]	1.593 [40.46]
28	1 3/4-18 UNS	2.809 [71.35]	2.535 [64.40]	1.969 [50.01]	1.063 [27.00]	1.709 [43.41]	1.409 [35.79]	1.071 [27.20]	1.969 [50.01]
32	2-18 UNS	3.006 [76.35]	2.630 [66.80]	2.219 [56.36]	1.131 [33.30]	1.919 [47.80]	1.692 [42.98]	1.319 [33.50]	2.219 [56.36]
36	2 1/4-16 UN	3.203 [81.36]	2.630 [66.80]	2.469 [62.71]	1.516 [38.50]	2.169 [55.09]	1.948 [49.48]	1.524 [38.70]	2.469 [62.71]
40	2 1/2-16 UN	3.281 [83.34]	2.630 [66.80]	2.719 [69.06]	1.811 [46.00]	2.402 [61.01]	2.184 [55.47]	1.898 [48.20]	2.719 [69.06]

Dimensions in brackets [] are in millimeters.

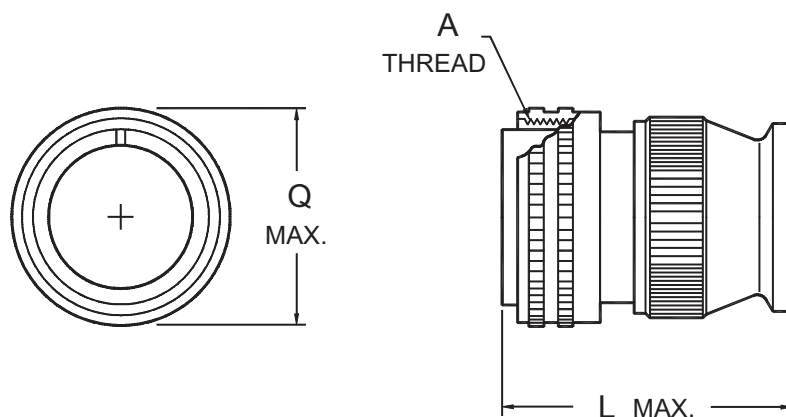
* Consult Factory

⊙ Plug has "O" ring under coupling nut.

STRAIGHT PLUG

SCP06R

SCPG06R



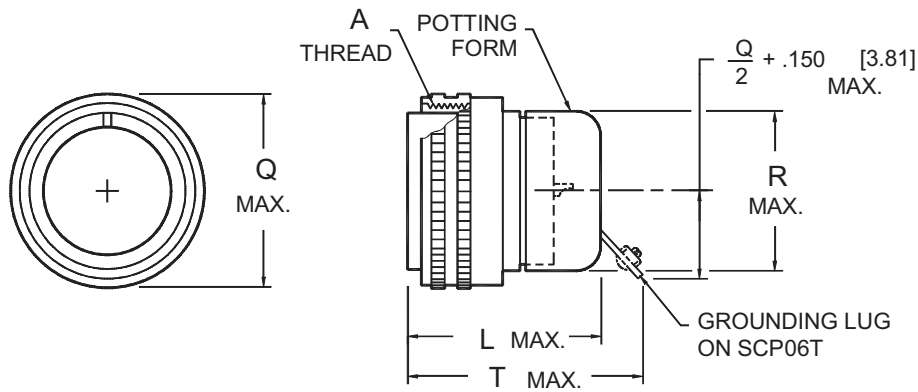
SCP06R* Grommet nut, environmental, with grommet[®]

SCPG06R* Same as above, with grounding spring[®]

SHELL SIZE	A COUPLING THREAD CLASS 2B	L MAX.	Q MAX.
8S	1/2-28 UNEF	1.838 [46.69]	.844 [21.44]
10S	5/8-24 UNEF	1.838 [46.69]	.969 [24.61]
10SL	5/8-24 UNEF	1.838 [46.69]	.969 [24.61]
12	3/4-20 UNEF	2.181 [55.40]	1.062 [26.97]
12S	3/4-20 UNEF	1.838 [46.69]	1.062 [26.97]
14	7/8-20 UNEF	2.181 [55.40]	1.156 [29.36]
14S	7/8-20 UNEF	1.838 [46.69]	1.156 [29.36]
16	1-20 UNEF	2.181 [55.40]	1.250 [31.75]
16S	1-20 UNEF	1.838 [46.69]	1.250 [31.75]
18	1 1/8-18 UNEF	2.281 [57.94]	1.344 [34.14]
20	1 1/4-18 UNEF	2.281 [57.94]	1.469 [37.31]
22	1 3/8-18 UNEF	2.281 [57.94]	1.594 [40.49]
24	1 1/2-18 UNEF	2.281 [57.94]	1.719 [43.66]
28	1 3/4-18 UNS	2.281 [57.94]	1.969 [50.01]
32	2-18 UNS	2.322 [58.98]	2.219 [56.36]
36	2 1/4-16 UN	2.322 [58.98]	2.469 [62.71]
40	2 1/2-16 UN	2.430 [61.72]	2.719 [69.06]

Dimensions in brackets [] are in millimeters.

⊗ Plug has "O" ring under coupling nut.



SCP06S* Potting boot, environmental,
less grommet

SCP06T* Potting boot, environmental, less
grommet with grounding lug

SHELL SIZE	A COUPLING THREAD CLASS 2B	L MAX. ②	Q MAX.	R MAX.	T MAX. ②
8S	1/2-28 UNEF	1.500 [38.10]	.844 [21.44]	.613 [15.57]	1.875 [47.62]
10S	5/8-24 UNEF	1.500 [38.10]	.969 [24.61]	.707 [17.96]	1.875 [47.62]
10SL	5/8-24 UNEF	1.500 [38.10]	.969 [24.61]	.863 [21.92]	1.875 [47.62]
12S	3/4-20 UNEF	1.500 [38.10]	1.062 [26.97]	.863 [21.92]	1.875 [47.62]
12	3/4-20 UNEF	1.906 [48.41]	1.062 [26.97]	.863 [21.92]	2.281 [57.94]
14S	7/8-20 UNEF	1.500 [38.10]	1.156 [29.36]	.941 [23.90]	1.875 [47.62]
14	7/8-20 UNEF	1.906 [48.41]	1.156 [29.36]	.941 [23.90]	2.281 [57.94]
16S	1-20 UNEF	1.500 [38.10]	1.250 [31.75]	1.066 [27.08]	1.875 [47.62]
16	1-20 UNEF	1.906 [48.41]	1.250 [31.75]	1.066 [27.08]	2.281 [57.94]
18	1 1/8-18 UNEF	1.906 [48.41]	1.344 [34.14]	1.207 [30.66]	2.281 [57.94]
20	1 1/4-18 UNEF	2.188 [55.58]	1.469 [37.31]	1.332 [33.83]	2.594 [65.89]
22	1 3/8-18 UNEF	2.188 [55.58]	1.594 [40.49]	1.457 [37.01]	2.594 [65.89]
24	1 1/2-18 UNEF	2.188 [55.58]	1.719 [43.66]	1.582 [40.18]	2.594 [65.89]
28	1 3/4-18 UNS	2.188 [55.58]	1.969 [50.01]	1.832 [46.53]	2.594 [65.89]
32	2-18 UNS	2.188 [55.58]	2.219 [56.36]	2.082 [52.88]	2.594 [65.89]
36	2 1/4-16 UN	2.188 [55.58]	2.469 [62.71]	2.395 [60.83]	2.594 [65.89]
40	2 1/2-16 UN	2.188 [55.58]	2.719 [69.06]	2.594 [65.89]	2.594 [65.89]
44	2 3/4-16 UN	2.188 [55.58]	2.969 [75.41]	2.875 [73.02]	2.594 [65.89]
48	3-16 UN	2.188 [55.58]	3.219 [81.76]	3.125 [79.37]	2.594 [65.89]

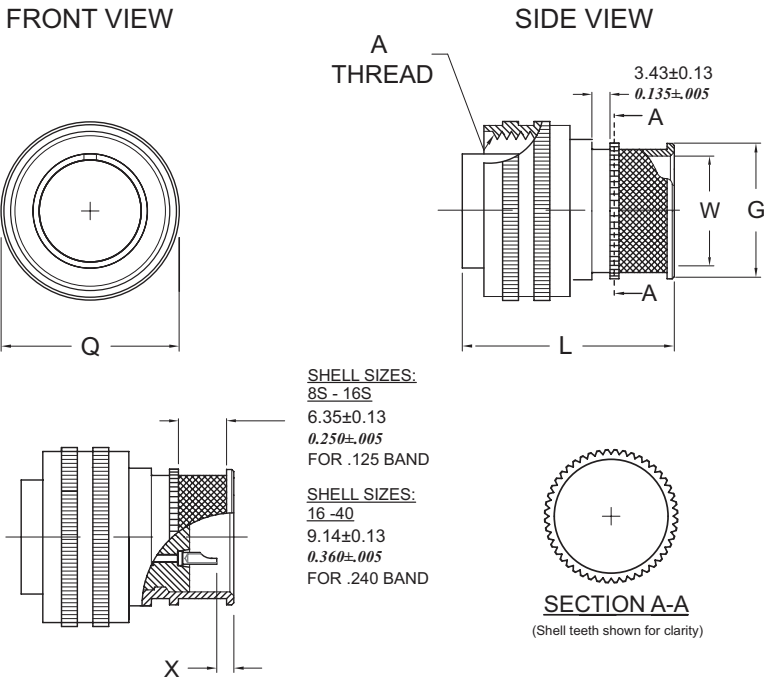
1. Dimensions in brackets [] are in millimeters.

② Add .375 for size "0" contacts.

STRAIGHT PLUG

SOLDER CONTACTS (MS3106)

SCP06SV, SCPG06SV



SCP06SV*

Environmental, less grommet

SCPG06SV*

Environmental, less grommet with grounding spring

SHELL SIZE	FRONT VIEW	SIDE VIEW					
	Q MAX	G MAX	L MAX	W MIN	A THREAD CLASS 2B	X ±.016 [±0.4]	
						.250 BAND	.125 BAND
8S	0.844 [21.44]	*	*	*	.500-28 UNEF	—	*
10SL	0.969 [24.61]	0.632 [16.1]	1.400 [35.56]	0.475 [12.1]	.625-24 UNEF	—	0.310 [7.9]
10S	0.969 [24.61]	0.632 [16.1]	*	0.475 [12.1]	.625-24 UNEF	—	*
12S	1.062 [26.97]	0.632 [16.1]	1.400 [35.56]	0.475 [12.1]	.750-20 UNEF	—	0.310 [7.9]
12	1.062 [26.97]	0.632 [16.1]	1.600 [40.64]	0.475 [12.1]	.750-20 UNEF	—	0.510 [12.9]
14S	1.156 [29.36]	0.755 [19.2]	1.400 [35.56]	0.605 [15.4]	.875-20 UNEF	—	0.310 [7.9]
14	1.156 [29.36]	0.755 [19.2]	1.600 [40.64]	0.605 [15.4]	.875-20 UNEF	—	0.510 [12.9]
16S	1.250 [31.75]	0.880 [22.4]	1.400 [35.56]	0.735 [18.7]	1.000-20 UNEF	—	0.310 [7.9]
16	1.250 [32.54]	0.880 [22.4]	1.725 [43.82]	0.735 [18.7]	1.000-20 UNEF	0.185 [4.7]	—
18	1.344 [34.14]	1.005 [25.5]	1.725 [43.82]	0.860 [21.9]	1.125-18 UNEF	0.185 [4.7]	—
20	1.469 [37.31]	1.130 [28.7]	1.725 [43.82]	0.975 [24.8]	1.250-18 UNEF	0.185 [4.7]	—
22	1.594 [40.49]	1.255 [31.9]	1.725 [43.82]	1.105 [28.1]	1.375-18 UNEF	0.185 [4.7]	—
24	1.719 [43.66]	1.380 [35.1]	1.725 [43.82]	1.230 [31.2]	1.500-18 UNEF	0.185 [4.7]	—
28	1.969 [50.01]	1.630 [41.4]	1.725 [43.82]	1.415 [35.9]	1.750-18 UNS	0.185 [4.7]	—
32	2.219 [56.36]	1.880 [47.8]	1.725 [43.82]	1.695 [43.1]	2.000-18 UNS	0.185 [4.7]	—
36	2.469 [62.71]	2.067 [52.5]	1.725 [43.82]	1.890 [48.0]	2.250-16 UN	0.185 [4.7]	—
40	2.719 [69.06]	2.317 [58.9]	1.725 [43.82]	2.120 [53.8]	2.500-16 UN	0.185 [4.7]	—

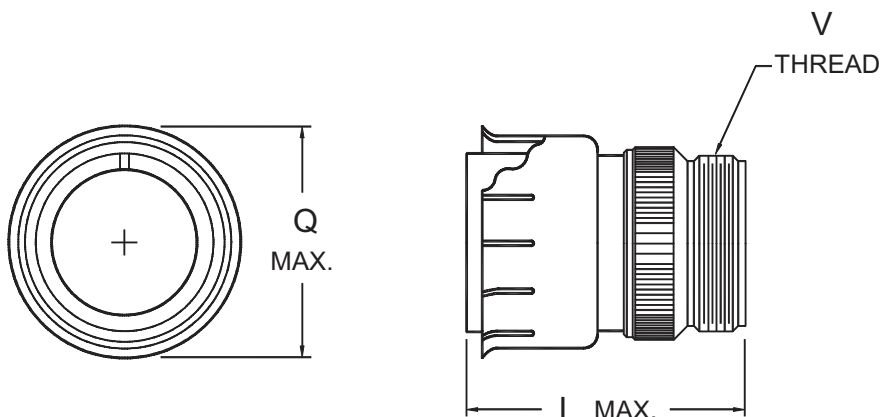
Dimensions in brackets [] are in millimeters.

* Consult Factory

QUICK DISCONNECT PLUG

SCP07A, B, C

1A



- SCP07A* Threaded adapter, non-environmental, less grommet
- SCP07B* Threaded adapter, environmental, with grommet
- SCP07C* Threaded adapter, environmental, less grommet

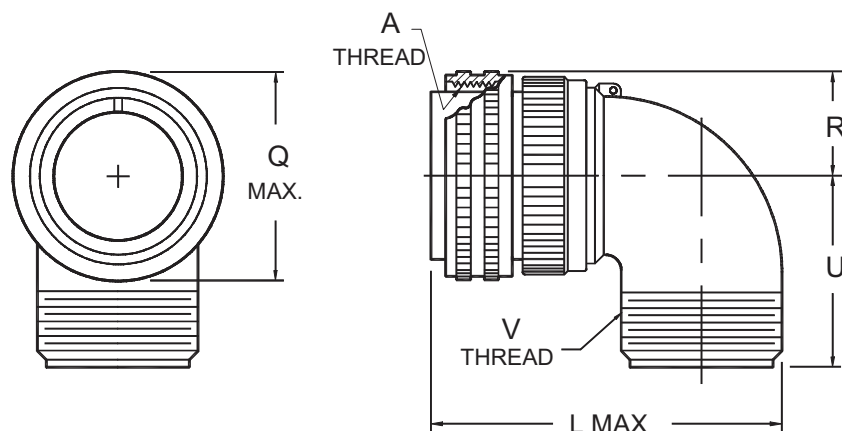
SHELL SIZE	L MAX.	Q MAX.	V ACCESSORY THREAD CLASS 2A
8S	1.469 [37.31]	1.250 [31.75]	1/2-28 UNEF
10S	1.531 [38.89]	1.375 [34.92]	1/2-28 UNEF
10SL	1.531 [38.89]	1.375 [34.92]	5/8-24 UNEF
12	2.062 [52.37]	1.500 [38.10]	5/8-24 UNEF
12S	1.688 [42.88]	1.500 [38.10]	5/8-24 UNEF
14	2.062 [52.37]	1.625 [41.27]	3/4-20 UNEF
14S	1.688 [42.88]	1.625 [41.27]	3/4-20 UNEF
16	2.062 [52.37]	1.750 [44.45]	7/8-20 UNEF
16S	1.688 [42.88]	1.750 [44.45]	7/8-20 UNEF
18	2.062 [52.37]	1.875 [47.62]	1-20 UNEF
20	2.188 [55.58]	2.000 [50.80]	1 3/16-18 UNEF
22	2.188 [55.58]	2.125 [53.97]	1 3/16-18 UNEF
24	2.312 [58.72]	2.250 [57.15]	1 7/16-18 UNEF
28	2.312 [58.72]	2.500 [63.50]	1 7/16-18 UNEF

Dimensions in brackets [] are in millimeters.

90° PLUG

SCP08A, C

SCPG08A, C



SCP08A* Threaded adapter, non-environmental, less grommet

SCPG08A* Same as above, with grounding spring

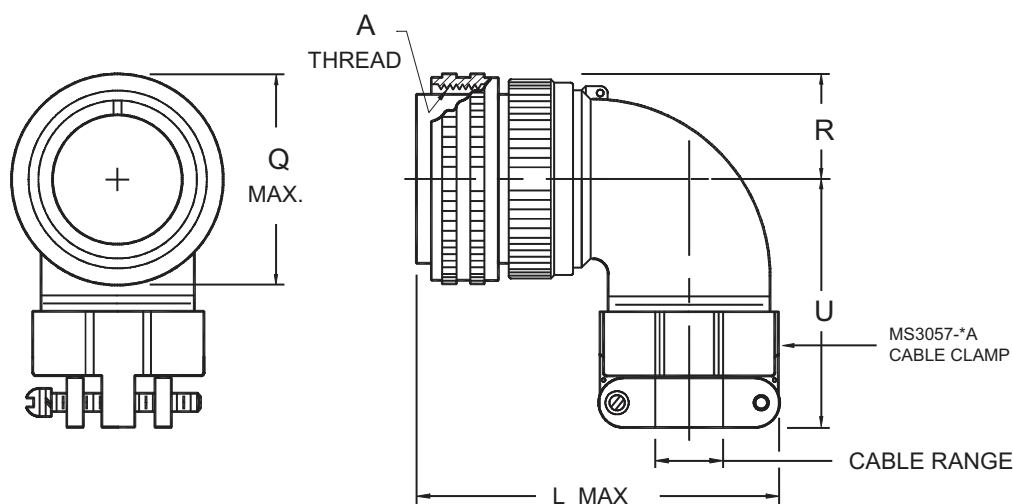
SCP08C* Threaded adapter, environmental, less grommet

SCPG08C* Same as above, with grounding spring

SHELL SIZE	A COUPLING THREAD CLASS 2B	L MAX.	Q MAX.	R MAX.	U MAX.	V ACCESSORY THREAD CLASS 2A
8S	1/2-28 UNEF	1.750 [44.45]	.844 [21.44]	.422 [10.72]	.938 [23.83]	1/2-28 UNEF
10S	5/8-24 UNEF	1.750 [44.45]	.969 [24.61]	.485 [12.32]	1.000 [25.40]	1/2-28 UNEF
10SL	5/8-24 UNEF	1.812 [46.02]	.969 [24.61]	.531 [13.49]	1.000 [25.40]	5/8-24 UNEF
12	3/4-20 UNEF	2.250 [57.15]	1.062 [26.97]	.531 [13.49]	1.062 [26.97]	5/8-24 UNEF
12S	3/4-20 UNEF	2.000 [50.80]	1.062 [26.97]	.531 [13.49]	1.062 [26.97]	5/8-24 UNEF
14	7/8-20 UNEF	2.312 [58.72]	1.156 [29.36]	.656 [16.66]	1.125 [28.57]	3/4-20 UNEF
14S	7/8-20 UNEF	2.125 [53.97]	1.156 [29.36]	.656 [16.66]	1.125 [28.57]	3/4-20 UNEF
16	1-20 UNEF	2.562 [65.07]	1.250 [31.75]	.750 [19.05]	1.188 [30.18]	7/8-20 UNEF
16S	1-20 UNEF	2.375 [60.32]	1.250 [31.75]	.750 [19.05]	1.188 [30.18]	7/8-20 UNEF
18	1 1/8-18 UNEF	2.688 [68.28]	1.344 [34.14]	.828 [21.03]	1.312 [33.32]	1-20 UNEF
20	1 1/4-18 UNEF	3.031 [76.99]	1.469 [37.31]	.906 [23.01]	1.375 [34.92]	1 3/16-18 UNEF
22	1 3/8-18 UNEF	3.031 [76.99]	1.594 [40.49]	.969 [24.61]	1.375 [34.92]	1 3/16-18 UNEF
24	1 1/2-18 UNEF	3.406 [86.51]	1.719 [43.66]	1.031 [26.19]	1.562 [39.67]	1 7/16-18 UNEF
28	1 3/4-18 UNS	3.406 [86.51]	1.969 [50.01]	1.156 [29.36]	1.562 [39.67]	1 7/16-18 UNEF
32	2-18 UNS	3.750 [95.25]	2.219 [56.36]	1.312 [33.32]	1.875 [47.62]	1 3/4-18 UNS
36	2 1/4-16 UN	3.938 [100.03]	2.469 [62.71]	1.438 [36.53]	2.062 [52.37]	2-18 UNS
40	2 1/2-16 UN	4.750 [120.65]	2.719 [69.06]	1.562 [39.67]	2.125 [53.97]	2 1/4-16 UN
44	2 3/4-16 UN	4.812 [122.22]	2.968 [75.39]	1.687 [42.85]	2.250 [57.15]	2 1/2-16 UN
48	3-16 UN	4.937 [125.40]	3.218 [81.74]	1.812 [46.02]	2.375 [60.32]	3-16 UN

Dimensions in brackets [] are in millimeters.





SCP08D* Two (2) piece backshell w/ MS3057*A clamp, environmental, less grommet

SCPG08D* Same as above, with grounding spring

SCP08F* Two (2) piece backshell w/ MS3057*A clamp, environmental, with grommet[Ⓞ]

SCPG08F* Same as above, with grounding spring[Ⓞ]

SHELL SIZE	A COUPLING THREAD CLASS 2B	L MAX.	Q MAX.	R MAX.	U MAX.	CABLE RANGE	
						OPEN	CLOSED
8S	1/2-28 UNEF	2.156 [54.76]	.844 [21.44]	.422 [10.72]	1.469 [37.31]	.250 [6.35]	.125 [3.18]
10S	5/8-24 UNEF	2.156 [54.76]	.969 [24.61]	.516 [13.11]	1.469 [37.31]	.250 [6.35]	.125 [3.18]
10SL	5/8-24 UNEF	2.188 [55.58]	.969 [24.61]	.516 [13.11]	1.500 [38.10]	.312 [7.92]	.125 [3.18]
12	3/4-20 UNEF	2.531 [64.29]	1.062 [26.97]	.562 [14.27]	1.500 [38.10]	.312 [7.92]	.125 [3.18]
12S	3/4-20 UNEF	2.188 [55.58]	1.062 [26.97]	.562 [14.27]	1.500 [38.10]	.312 [7.92]	.125 [3.18]
14	7/8-20 UNEF	2.688 [68.28]	1.156 [29.36]	.625 [15.87]	1.594 [40.49]	.438 [11.13]	.250 [6.35]
14S	7/8-20 UNEF	2.312 [58.72]	1.156 [29.36]	.625 [15.87]	1.594 [40.49]	.438 [11.13]	.250 [6.35]
16	1-20 UNEF	2.781 [70.64]	1.250 [31.75]	.688 [17.48]	1.688 [42.88]	.562 [14.27]	.312 [7.92]
16S	1-20 UNEF	2.406 [61.11]	1.250 [31.75]	.688 [17.48]	1.688 [42.88]	.562 [14.27]	.312 [7.92]
18	1 1/8-18 UNEF	2.844 [72.24]	1.344 [34.14]	.750 [19.05]	1.781 [45.24]	.625 [15.88]	.350 [8.89]
20	1 1/4-18 UNEF	3.250 [82.55]	1.469 [37.31]	.844 [21.44]	1.969 [50.01]	.750 [19.05]	.500 [12.70]
22	1 3/8-18 UNEF	3.250 [82.55]	1.594 [40.49]	.906 [23.01]	2.000 [50.80]	.750 [19.05]	.500 [12.70]
24	1 1/2-18 UNEF	3.719 [94.46]	1.719 [43.66]	.953 [24.21]	2.125 [53.97]	.938 [23.83]	.625 [15.88]
28	1 3/4-18 UNS	3.719 [94.46]	1.969 [50.01]	1.094 [27.79]	2.188 [55.58]	.938 [23.83]	.625 [15.88]
32	2-18 UNS	4.188 [106.38]	2.219 [56.36]	1.234 [31.34]	2.594 [65.89]	1.250 [31.75]	.875 [22.23]
36	2 1/4-16 UN	4.297 [109.14]	2.469 [62.71]	1.359 [34.52]	2.719 [69.06]	1.375 [34.93]	1.000 [25.40]
40	2 1/2-16 UN	4.516 [114.71]	2.719 [69.06]	1.422 [36.12]	3.188 [80.98]	1.625 [41.28]	1.250 [31.75]

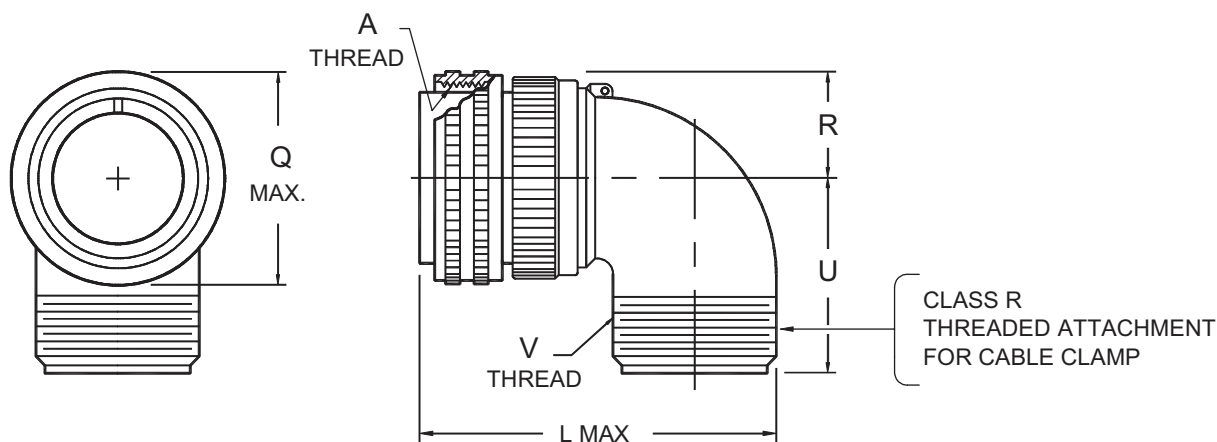
Dimensions in brackets [] are in millimeters.

Ⓞ Plug has "O" ring under coupling nut.

90° PLUG

SCP08E, G

SCPG08E, G

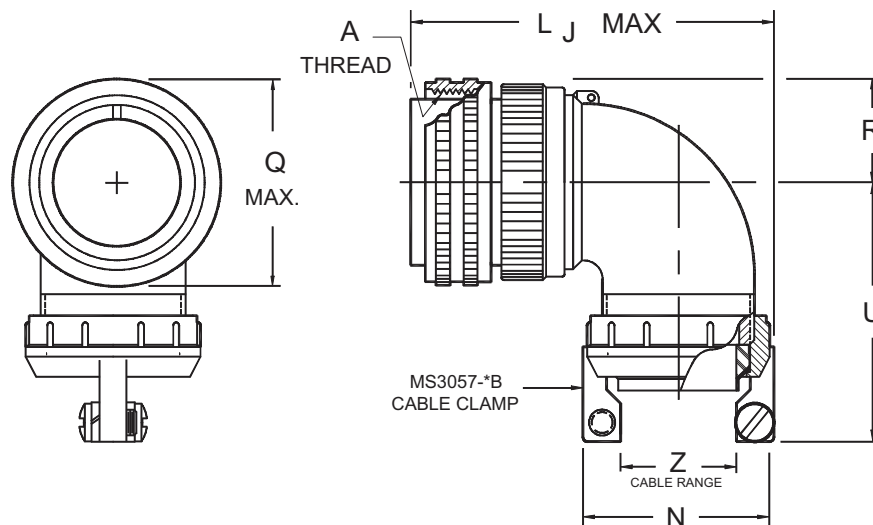


- SCP08E*** One (1) piece backshell, environmental, with grommet
SCPG08E* Same as above, with grounding spring
SCP08G* One (1) piece backshell, environmental, with grommet[Ⓞ]
SCPG08G* Same as above, with grounding spring[Ⓞ]

SHELL SIZE	A COUPLING THREAD CLASS 2B	L MAX.	Q MAX.	R MAX.	U MAX.	V ACCESSORY THREAD CLASS 2A
8S	1/2-28 UNEF	2.156 [54.76]	.844 [21.44]	.422 [10.72]	1.469 [37.31]	1/2-28 UNEF
10S	5/8-24 UNEF	2.156 [54.76]	.969 [24.61]	.516 [13.11]	1.469 [37.31]	1/2-28 UNEF
10SL	5/8-24 UNEF	2.188 [55.58]	.969 [24.61]	.516 [13.11]	1.500 [38.10]	5/8-24 UNEF
12	3/4-20 UNEF	2.531 [64.29]	1.062 [26.97]	.562 [14.27]	1.500 [38.10]	5/8-24 UNEF
12S	3/4-20 UNEF	2.188 [55.58]	1.062 [26.97]	.562 [14.27]	1.500 [38.10]	5/8-24 UNEF
14	7/8-20 UNEF	2.688 [68.28]	1.156 [29.36]	.625 [15.87]	1.594 [40.49]	3/4-20 UNEF
14S	7/8-20 UNEF	2.312 [58.72]	1.156 [29.36]	.625 [15.87]	1.594 [40.49]	3/4-20 UNEF
16	1-20 UNEF	2.781 [70.64]	1.250 [31.75]	.688 [17.48]	1.688 [42.88]	7/8-20 UNEF
16S	1-20 UNEF	2.406 [61.11]	1.250 [31.75]	.688 [17.48]	1.688 [42.88]	7/8-20 UNEF
18	1 1/8-18 UNEF	2.844 [72.24]	1.344 [34.14]	.750 [19.05]	1.781 [45.24]	1-20 UNEF
20	1 1/4-18 UNEF	3.250 [82.55]	1.469 [37.31]	.844 [21.44]	1.969 [50.01]	1 3/16-18 UNEF
22	1 3/8-18 UNEF	3.250 [82.55]	1.594 [40.49]	.906 [23.01]	2.000 [50.80]	1 3/16-18 UNEF
24	1 1/2-18 UNEF	3.719 [94.46]	1.719 [43.66]	.953 [24.21]	2.125 [53.97]	1 7/16-18 UNEF
28	1 3/4-18 UNS	3.719 [94.46]	1.969 [50.01]	1.094 [27.79]	2.188 [55.58]	1 7/16-18 UNEF
32	2-18 UNS	4.188 [106.38]	2.219 [56.36]	1.234 [31.34]	2.594 [65.89]	1 3/4-18 UNS
36	2 1/4-16 UN	4.297 [109.14]	2.469 [62.71]	1.359 [34.52]	2.719 [69.06]	2-18 UNS
40	2 1/2-16 UN	4.516 [114.71]	2.719 [69.06]	1.422 [36.12]	3.188 [80.98]	2 1/4-16 UN

Dimensions in brackets [] are in millimeters.

Ⓞ Plug has "O" ring under coupling nut.



SCP08J* Two (2) piece backshell w/ MS3057*B clamp,
environmental, less grommet

SCPG08J* Same as above, with grounding spring

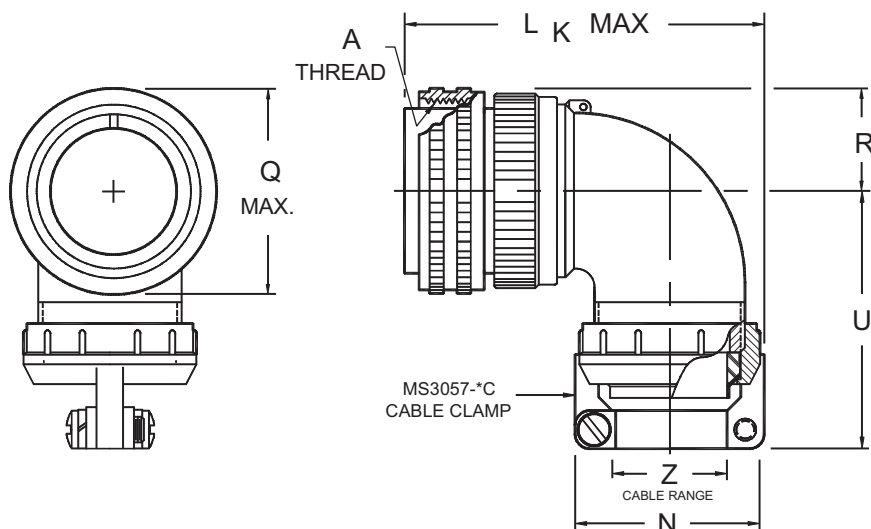
SHELL SIZE	A COUPLING THREAD CLASS 2B	L _J MAX.	N MAX.	Q MAX.	R MAX.	U MAX.	CABLE CLAMP	Z CABLE RANGE	
								FREE	CLOSED
8S	1/2-28 UNEF	2.156 [54.76]	.812 [20.62]	.844 [21.44]	.422 [10.72]	1.469 [37.31]	MS3057-3B	.219 [5.56]	.031 [0.79]
10S	5/8-24 UNEF	2.156 [54.76]	.812 [20.62]	.969 [24.61]	.516 [13.11]	1.469 [37.31]	MS3057-3B	.219 [5.56]	.031 [0.79]
10SL	5/8-24 UNEF	2.188 [55.58]	.937 [23.80]	.969 [24.61]	.516 [13.11]	1.500 [38.10]	MS3057-4B	.312 [7.92]	.094 [2.39]
12	3/4-20 UNEF	2.531 [64.29]	.937 [23.80]	1.062 [26.97]	.562 [14.27]	1.500 [38.10]	MS3057-4B	.312 [7.92]	.094 [2.39]
12S	3/4-20 UNEF	2.188 [55.58]	.937 [23.80]	1.062 [26.97]	.562 [14.27]	1.500 [38.10]	MS3057-4B	.312 [7.92]	.094 [2.39]
14	7/8-20 UNEF	2.688 [68.28]	1.062 [26.97]	1.156 [29.36]	.625 [15.87]	1.594 [40.49]	MS3057-6B	.438 [11.13]	.250 [6.35]
14S	7/8-20 UNEF	2.312 [58.72]	1.062 [26.97]	1.156 [29.36]	.625 [15.87]	1.594 [40.49]	MS3057-6B	.438 [11.13]	.250 [6.35]
16	1-20 UNEF	2.781 [70.64]	1.188 [30.18]	1.250 [31.75]	.688 [17.48]	1.688 [42.88]	MS3057-8B	.531 [13.49]	.312 [7.92]
16S	1-20 UNEF	2.406 [61.11]	1.188 [30.18]	1.250 [31.75]	.688 [17.48]	1.688 [42.88]	MS3057-8B	.531 [13.49]	.312 [7.92]
18	1 1/8-18 UNEF	2.844 [72.24]	1.312 [33.32]	1.344 [34.14]	.750 [19.05]	1.781 [45.24]	MS3057-10B	.625 [15.88]	.375 [9.52]
20	1 1/4-18 UNEF	3.250 [82.55]	1.562 [39.67]	1.469 [37.31]	.844 [21.44]	1.969 [50.01]	MS3057-12B	.750 [19.05]	.500 [12.70]
22	1 3/8-18 UNEF	3.250 [82.55]	1.562 [39.67]	1.594 [40.49]	.906 [23.01]	2.000 [50.80]	MS3057-12B	.750 [19.05]	.500 [12.70]
24	1 1/2-18 UNEF	3.719 [94.46]	1.750 [44.45]	1.719 [43.66]	.953 [24.21]	2.125 [53.97]	MS3057-16B	.938 [23.83]	.594 [15.09]
28	1 3/4-18 UNS	3.719 [94.46]	1.750 [44.45]	1.969 [50.01]	1.094 [27.79]	2.188 [55.58]	MS3057-16B	.938 [23.83]	.594 [15.09]
32	2-18 UNS	4.188 [106.38]	2.250 [57.15]	2.219 [56.36]	1.234 [31.34]	2.594 [65.89]	MS3057-20B	1.250 [31.75]	.938 [23.83]
36	2 1/4-16 UN	4.297 [109.14]	2.375 [60.33]	2.469 [62.71]	1.359 [34.52]	2.719 [69.06]	MS3057-24B	1.375 [34.93]	.969 [24.61]
40	2 1/2-16 UN	4.516 [114.71]	2.625 [66.68]	2.719 [69.06]	1.422 [36.12]	3.188 [80.98]	MS3057-28B	1.625 [41.28]	1.188 [30.18]

Dimensions in brackets [] are in millimeters.

90° PLUG

SCP08K

SCPG08K

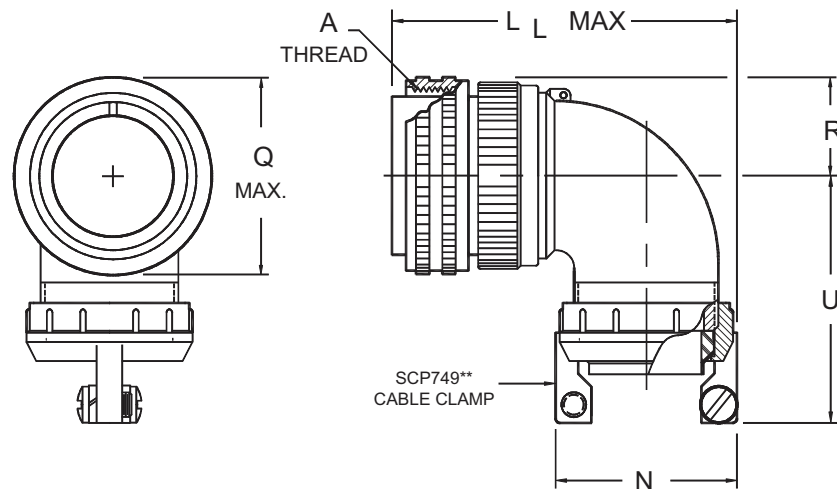


SCP08K* Two (2) piece backshell w/ MS3057*C clamp,
environmental, less grommet

SCPG08K* Same as above, with grounding spring

SHELL SIZE	A COUPLING THREAD CLASS 2B	L _K MAX.	N MAX.	Q MAX.	R MAX.	U MAX.	CABLE CLAMP	Z CABLE RANGE	
								FREE	CLOSED
8S	1/2-28 UNEF	2.156 [54.76]	.812 [20.62]	.844 [21.44]	.422 [10.72]	1.469 [37.31]	MS3057-3C	.219 [5.56]	.031 [0.79]
10S	5/8-24 UNEF	2.156 [54.76]	.812 [20.62]	.969 [24.61]	.516 [13.11]	1.469 [37.31]	MS3057-3C	.219 [5.56]	.031 [0.79]
10SL	5/8-24 UNEF	2.188 [55.58]	.937 [23.80]	.969 [24.61]	.516 [13.11]	1.500 [38.10]	MS3057-4C	.312 [7.92]	.094 [2.39]
12	3/4-20 UNEF	2.531 [64.29]	.937 [23.80]	1.062 [26.97]	.562 [14.27]	1.500 [38.10]	MS3057-4C	.312 [7.92]	.094 [2.39]
12S	3/4-20 UNEF	2.188 [55.58]	.937 [23.80]	1.062 [26.97]	.562 [14.27]	1.500 [38.10]	MS3057-4C	.312 [7.92]	.094 [2.39]
14	7/8-20 UNEF	2.688 [68.28]	1.062 [26.97]	1.156 [29.36]	.625 [15.87]	1.594 [40.49]	MS3057-6C	.438 [11.13]	.250 [6.35]
14S	7/8-20 UNEF	2.312 [58.72]	1.062 [26.97]	1.156 [29.36]	.625 [15.87]	1.594 [40.49]	MS3057-6C	.438 [11.13]	.250 [6.35]
16	1-20 UNEF	2.781 [70.64]	1.188 [30.18]	1.250 [31.75]	.688 [17.48]	1.688 [42.88]	MS3057-8C	.531 [13.49]	.312 [7.92]
16S	1-20 UNEF	2.406 [61.11]	1.188 [30.18]	1.250 [31.75]	.688 [17.48]	1.688 [42.88]	MS3057-8C	.531 [13.49]	.312 [7.92]
18	1 1/8-18 UNEF	2.844 [72.24]	1.312 [33.32]	1.344 [34.14]	.750 [19.05]	1.781 [45.24]	MS3057-10C	.625 [15.88]	.375 [9.52]
20	1 1/4-18 UNEF	3.250 [82.55]	1.562 [39.67]	1.469 [37.31]	.844 [21.44]	1.969 [50.01]	MS3057-12C	.750 [19.05]	.500 [12.70]
22	1 3/8-18 UNEF	3.250 [82.55]	1.562 [39.67]	1.594 [40.49]	.906 [23.01]	2.000 [50.80]	MS3057-12C	.750 [19.05]	.500 [12.70]
24	1 1/2-18 UNEF	3.719 [94.46]	1.750 [44.45]	1.719 [43.66]	.953 [24.21]	2.125 [53.97]	MS3057-16C	.938 [23.83]	.594 [15.09]
28	1 3/4-18 UNS	3.719 [94.46]	1.750 [44.45]	1.969 [50.01]	1.094 [27.79]	2.188 [55.58]	MS3057-16C	.938 [23.83]	.594 [15.09]
32	2-18 UNS	4.188 [106.38]	2.250 [57.15]	2.219 [56.36]	1.234 [31.34]	2.594 [65.89]	MS3057-20C	1.250 [31.75]	.938 [23.83]
36	2 1/4-16 UN	4.297 [109.14]	2.375 [60.33]	2.469 [62.71]	1.359 [34.52]	2.719 [69.06]	MS3057-24C	1.375 [34.93]	.969 [24.61]
40	2 1/2-16 UN	4.516 [114.71]	2.625 [66.68]	2.719 [69.06]	1.422 [36.12]	3.188 [80.98]	MS3057-28C	1.625 [41.28]	1.188 [30.18]

Dimensions in brackets [] are in millimeters.



SCP08L* Two (2) piece backshell w/ SCP749**
clamp, environmental, with grommet
SCPG08L* Same as above, with grounding spring

SHELL SIZE	A COUPLING THREAD CLASS 2B	L MAX.	N MAX.	Q MAX.	R MAX.	U MAX.	CABLE CLAMP
8S	1/2-28 UNEF	2.156 [54.76]	.807 [20.50]	.844 [21.44]	.422 [10.72]	1.445 [36.70]	SCP74908-*
10S	5/8-24 UNEF	2.156 [54.76]	.807 [20.50]	.969 [24.61]	.516 [13.11]	1.445 [36.70]	SCP74910-*
10SL	5/8-24 UNEF	2.188 [55.58]	.901 [22.89]	.969 [24.61]	.516 [13.11]	1.508 [38.30]	SCP74911-*
12	3/4-20 UNEF	2.531 [64.29]	.901 [22.89]	1.062 [26.97]	.562 [14.27]	1.508 [38.30]	SCP74912-*
12S	3/4-20 UNEF	2.188 [55.58]	.901 [22.89]	1.062 [26.97]	.562 [14.27]	1.508 [38.30]	SCP74913-*
14	7/8-20 UNEF	2.688 [68.28]	1.026 [26.06]	1.156 [29.36]	.625 [15.87]	1.570 [39.88]	SCP74914-*
14S	7/8-20 UNEF	2.312 [58.72]	1.026 [26.06]	1.156 [29.36]	.625 [15.87]	1.570 [39.88]	SCP74915-*
16	1-20 UNEF	2.781 [70.64]	1.119 [28.42]	1.250 [31.75]	.688 [17.48]	1.633 [41.48]	SCP74916-*
16S	1-20 UNEF	2.406 [61.11]	1.119 [28.42]	1.250 [31.75]	.688 [17.48]	1.633 [41.48]	SCP74917-*
18	1 1/8-18 UNEF	2.844 [72.24]	1.229 [31.22]	1.344 [34.14]	.750 [19.05]	1.759 [44.68]	SCP74918-*
20	1 1/4-18 UNEF	3.250 [82.55]	1.479 [37.57]	1.469 [37.31]	.844 [21.44]	1.931 [49.05]	SCP74920-*
22	1 3/8-18 UNEF	3.250 [82.55]	1.479 [37.57]	1.594 [40.49]	.906 [23.01]	1.993 [50.62]	SCP74922-*
24	1 1/2-18 UNEF	3.719 [94.46]	1.666 [42.32]	1.719 [43.66]	.953 [24.21]	2.119 [53.82]	SCP74924-*
28	1 3/4-18 UNS	3.719 [94.46]	1.666 [42.32]	1.969 [50.01]	1.094 [27.79]	2.181 [55.40]	SCP74928-*
32	2-18 UNS	4.188 [106.38]	2.135 [54.23]	2.219 [56.36]	1.234 [31.34]	2.570 [65.28]	SCP74932-*
36	2 1/4-16 UN	4.297 [109.14]	2.260 [57.40]	2.469 [62.71]	1.359 [34.52]	2.695 [68.45]	SCP74936-*
40	2 1/2-16 UN	4.516 [114.71]	2.510 [63.75]	2.719 [69.06]	1.422 [36.12]	2.851 [72.42]	SCP74940-*

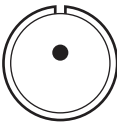
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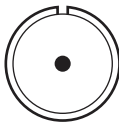
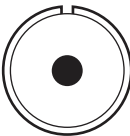
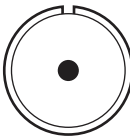
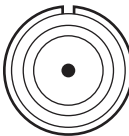
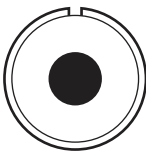
MIL-DTL-5015

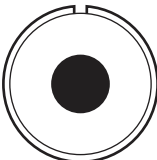
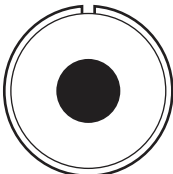
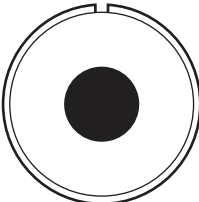
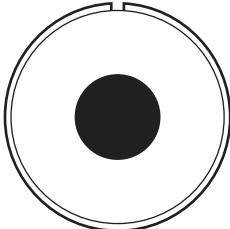
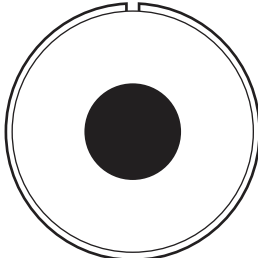
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

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

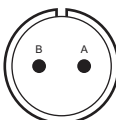
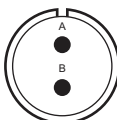
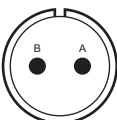
1 CONTACT

							
8S-1†	10S-2†	12S-4†	12-5†	14-3†	14S-4‡	16-2†	
CONTACTS	1-#16	1-#16	1-#16	1-#12	1-#8	1-#16	1-#12
RATING	A	A	D	D	A	D For new MIL equip. design, use 12S-4	E

						
16S-3†	16-12†	18-6†	18-7†	18-16	20-2†	
CONTACTS	1-#16	1-#4	1-#4	1-#8	1-#12	1-#0
RATING	B	A	D	B	HIGH VOLTAGE	D

					
22-7†	24-A1	28B1	32A1	36-01 36A1	
CONTACTS	1-#0	1-#0	1-#0	1-4/0	1-#4/0
RATING	E	B	E	A	A

2 CONTACTS

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

† = Military designation per MIL-STD-1651.

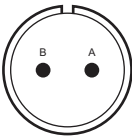
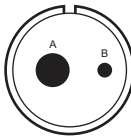
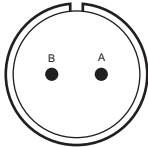
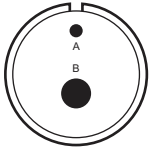
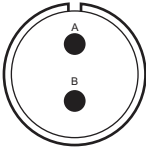
‡ = Military designation inactive for new design.

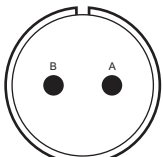
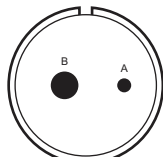
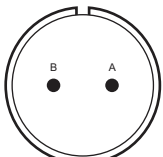
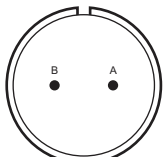
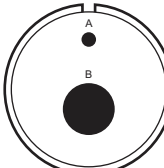
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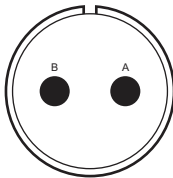
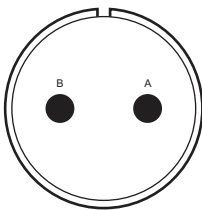
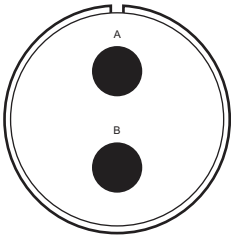
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

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

2 CONTACTS (CONT.)

					
18-3†	18-14†	20-5†	20-12†	20-23†	
CONTACTS	2-#12	1-#4 (A) 1-#16 (B)	2-#16	1-#16 (A) 1-#4 (B)	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

					
22-1†	22-3†	22-8†	22-11†	24-1†	
CONTACTS	2-#8	1-#16 (A) 1-#4 (B)	2-#12	2-#16	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

			
24-9†	28-7†	32-5†	
CONTACTS	2-#4	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

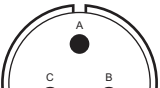
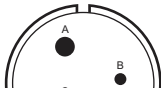
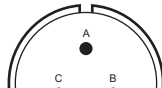
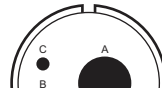
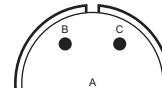
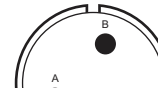
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

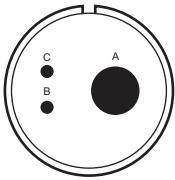
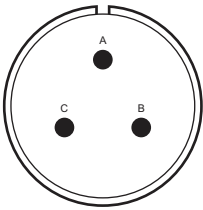
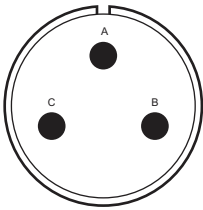
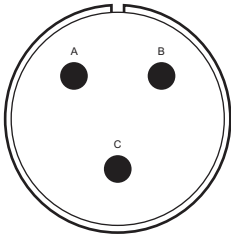
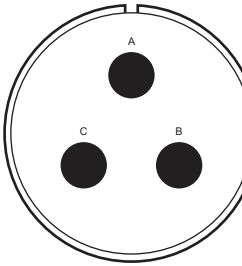
FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

3 CONTACTS

							
10SL-3†	14S-1‡ 14S-7‡	16S-5‡	16S-6‡	16-7†	16-10†	18-5†	
CONTACTS	3-#16	3-#16	3-#16	3-#16	2-#16 (A, B) 1-#8 (C)	3-#12	1-#16 (A) 2-#12 (B, C)
RATING	A	A	A For new MIL equip. design, use 14S-7	A For new MIL equip. design, use 14S-7	A	A	D

					
18-21‡	18-22‡	20-3‡	20-6‡	20-19‡	20-26‡
CONTACTS					
3-#12	3-#16	3-#12	3-#16	3-#8	3-#12
RATING					
A	D For new MIL equip. design, use 18-4	D For new MIL equip. design, use 20-4	D For new MIL equip. design, use 18-4	A For new MIL equip. design, use 20-22	A

						
22-2†	22-6‡	22-9†	22-21†	22-25‡	22-35‡	
CONTACTS	3-#8	1-#16 (B) 2-#8 (A, C)	3-#12	2-#16 (B, C) 1-#0 (A)	2-#16 (B, C) 1-#0 (A)	3-#8
RATING	D	D For new MIL equip. design, use 22-12	E	A	A	D

					
24-14‡	28-3†	28-6‡	32A3	36-4‡	
CONTACTS	2-#12 (B, C) 1-#0 (A)	3-#8	3-#4	3-#0	
RATING	A	E	D For new MIL equip. design, use 28-22	E	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						
12SA10 12S-2002-10	14S-2†	16-9†	18-4‡	18-10‡	18-13‡	
CONTACTS 4-#16	4-#16	2-#16 (B, D) 2-#12 (A, C)	4-#16	4-#12	3-#12 (B, C, D) 1-#8 (A)	
RATING A	INST.	A	D	A For new MIL equip. design, use 18-11	A	
18-15‡	20-4†	20-10†	20-13‡	20-20‡	20-24‡	22-4‡
CONTACTS 4-#12 Thermocouple	4-#12	4-#16	4-#16	3-#12 (B, C, D) 1-#4 (A)	2-#16 (A, C) 2-#8 (B, D)	2-#12 (A, C) 2-#8 (B, D)
RATING A	D	A	A	A	A	A For new MIL equip. design, use 20-14
22-10†	22-22† 22B22 ★	24-4†	24-22†	32-17†		
CONTACTS 4-#16	4-#8	3-#16 (B, C, D) 1-#0 (A)	4-#8	4-#4		
RATING E	A	A	D	D		
36-5†	36-51	40B4	40-57			
CONTACTS 4-#0	2-#4 (C, D) 2-#0 (A, B)	4-#0	4-#0			
RATING A	D	E	E			

† = Military designation per MIL-STD-1651.

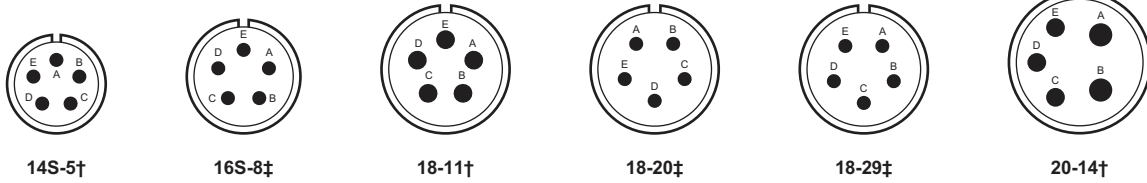
‡ = Military designation inactive for new design.

★ = VG95234

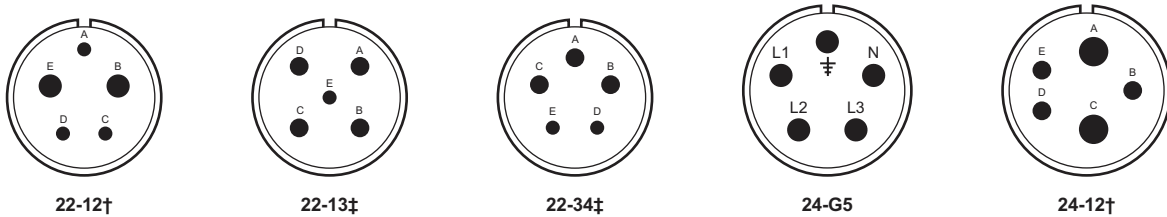
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

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

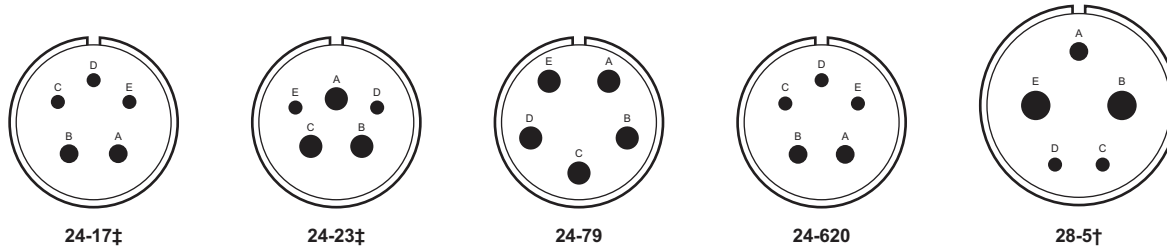
5 CONTACTS



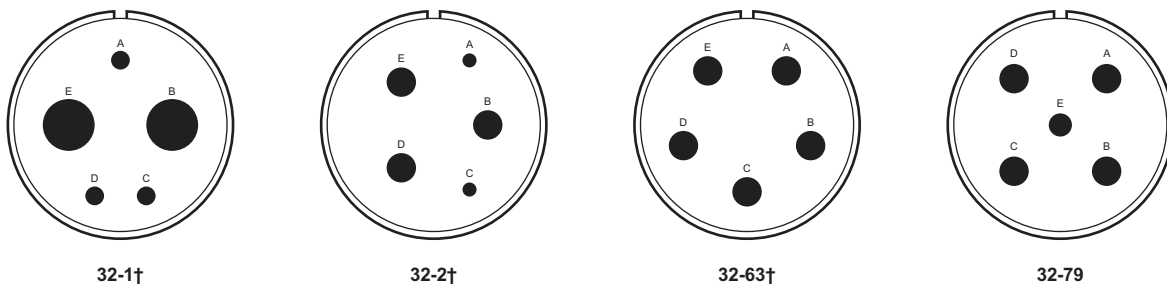
CONTACTS	5-#16	5-#16	5-#12	5-#16	5-#16	3-#12 (C, D, E) 2-#8 (A, B)
RATING	INST.	A	A	A For new MIL equip. design, use 16S-8	A	A



CONTACTS	3-#16 (A, C, D) 2-#8 (B, E)	1-#16 (E) 4-#12 (A-D)	2-#16 (D, E) 3-#12 (A, B, C)	5-#8 Top pin is grounded	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	3-#16 (C, D, E) 2-#12 (A, B)	2-#16 (D, E) 3-#8 (A, B, C)	5-#8	3-#16 (C, D, E) 2-#12 (A, B)	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	3-#12 (A, C, D) 2-#10 (B, E)	2-#16 (A, C) 3-#4 (B, D, E)	5-#4	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
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
D For new MIL equip. design, use 36-3	D	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	
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.

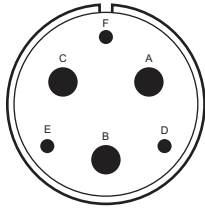
‡ = Military designation inactive for new design.

★ = VG95234

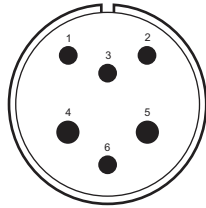
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

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

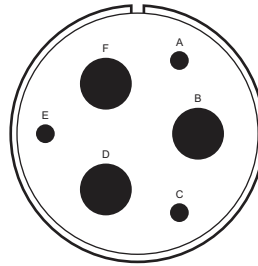
6 CONTACTS (CONT.)



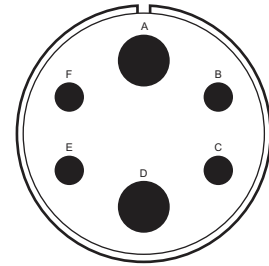
28-22†



28-82‡

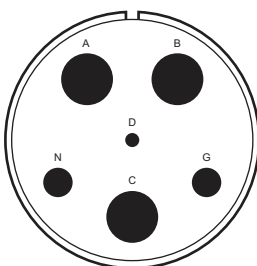


36-3†

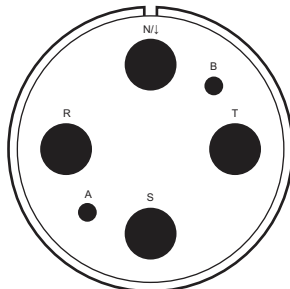


36-6†

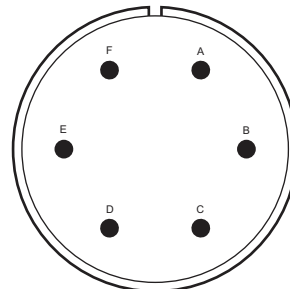
CONTACTS	3-#16 (D, E, F) 3-#4 (A, B, C)	4-#12 (1, 2, 3, 6) 2-#8 (4, 5)	3-#12 (A, C, E) 3-#0 (B, D, F)	4-#4 (B, C, E, F) 2-#0 (A, D)
RATING	D	D	D	A



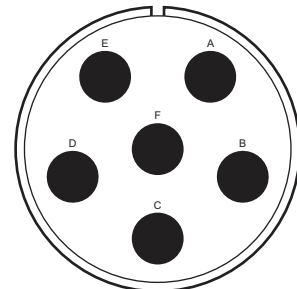
36A51



40A4



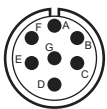
40-A6



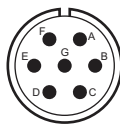
40-60

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

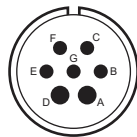
7 CONTACTS



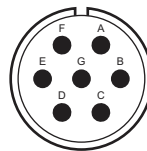
14SA7
14S-07



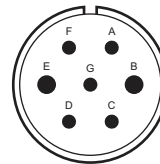
16S-1†



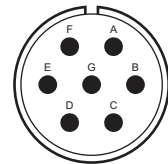
18-9‡



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	A	A	INST.	A	A	A For new MIL equip. design, use 22-33

† = Military designation per MIL-STD-1651.

‡ = Military designation inactive for new design.

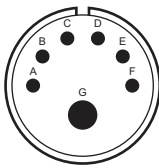
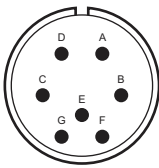
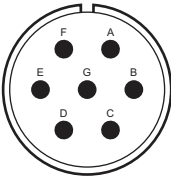
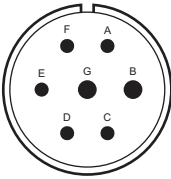
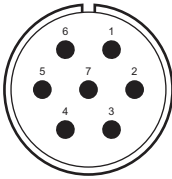
★ = VG95234

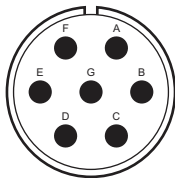
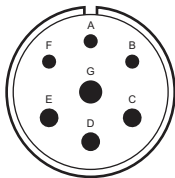
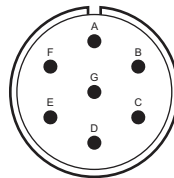
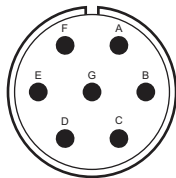
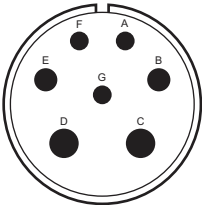


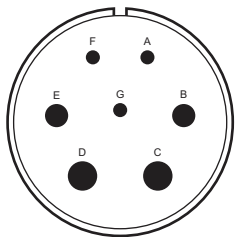
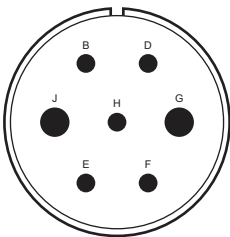
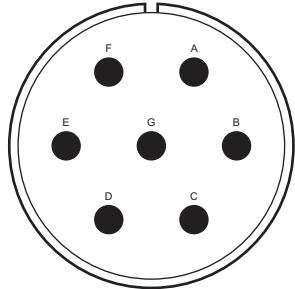
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

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

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.

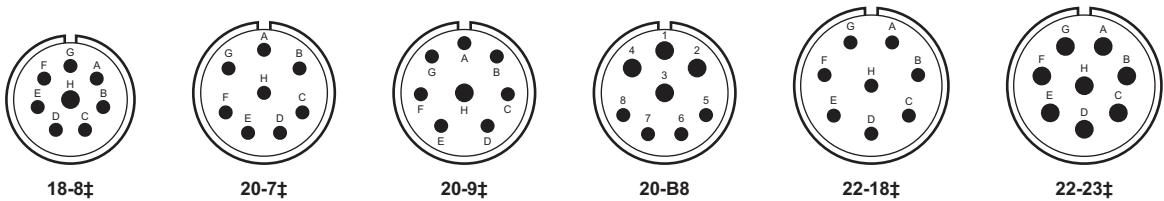
‡ = Military designation inactive for new design.

★ = VG95234

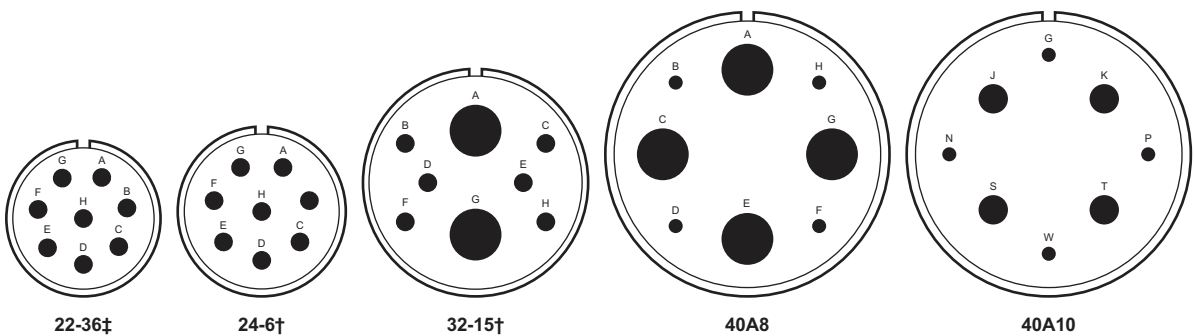
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

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

8 CONTACTS

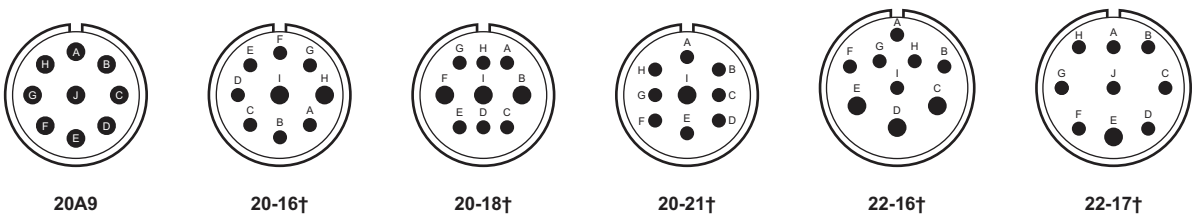


CONTACTS	7-#16 (A-G) 1-#12 (H)	8-#16	7-#16 (A-G) 1-#12 (H)	4-#16 (5-8) 4-#12 (1-4)	8-#16	8-#12
RATING	A	A (C-F) D (A, B, G, H)	A (A-G); D (H)	A	A (C-E) D (balance)	D (H); A (balance)



CONTACTS	8-#12 Thermocouple	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	A (A-G); D (H)	D (A, G, H) A (balance)	D	D	D

9 CONTACTS



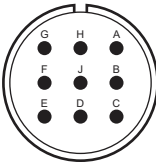
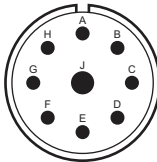
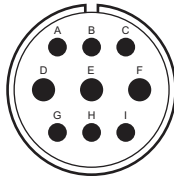
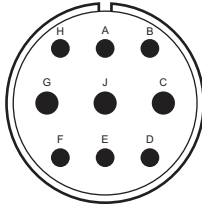
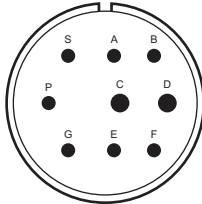
CONTACTS	9-#12	7-#16 (A-G) 2-#12 (H, I)	6-#16 (A, C, D, E, G, H) 3-#12 (B, F, I)	8-#16 (A-H) 1-#12 (I)	6-#16 (A, B, F-J) 3-#12 (C, D, E)	8-#16 (A-D, F-J) 1-#12 (E)
RATING	D (J) A (balance)	A	A	A	A For new MIL equip. design, use 20-18	D (A); A (balance)

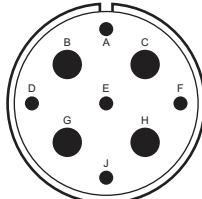
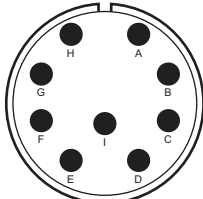
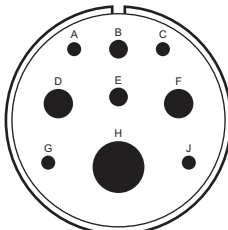
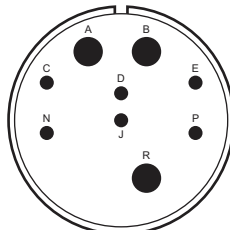
‡ = Military designation per MIL-STD-1651. ‡ = Military designation inactive for new design. ★ = VG95234

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

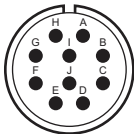
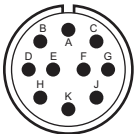
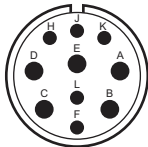
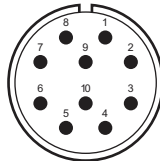
FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

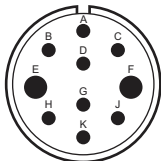
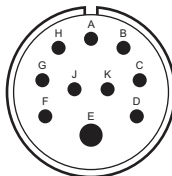
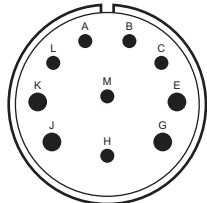
9 CONTACTS (CONT.)

					
22-20†	22-27†	24-11†	28-1†	28-4†	
CONTACTS	9-#16	8-#16 (A-H) 1-#8 (J)	6-#12 (A, B, D, E, F, H) 3-#8 (C, J, G)	7-#16 (A, B, E, F, G, P, S) 2-#12 (C, D)	
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	28-84	32-3†	32-689	
CONTACTS	5-#16 (A,D,E,F,J) 4-#4 (B,C,G,H)	9-#8	4-#16 (A, C, G, J) 2-#12 (B, E) 2-#4 (D, F), 1-#0 (H)	6-#16 (C,D,E,J,N,P) 3-#4 (A,B,R)
RATING	A	A	D	A

10 CONTACTS

					
16A10	18-1†	18-19‡	20-58	22A10	
CONTACTS	10-#18	10-#16	10-#16	5-#16 (F-L) 5-#12 (A-E)	10-#16
RATING	A	A (B, C, F, G) INST. (balance)	A For new MIL equip. design, use 18-1	A	A

			
22-82	24-21†	28-19 †	
CONTACTS	8-#16 (A-D,G-K) 2-#8 (E,F)	9-#16 (A-D, F-K) 1-#8 (E)	6-#16 (A, B, C, H, L, M) 4-#12 (E, G, J, K)
RATING	A	D	A (C, E, G, J, K, L) B (H, M); D (A, B)

† = Military designation per MIL-STD-1651.

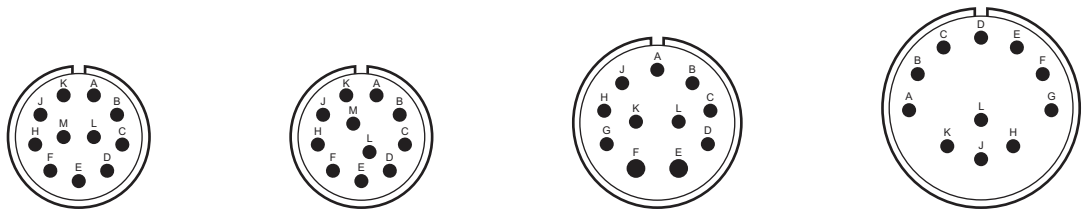
‡ = Military designation inactive for new design.

★ = VG95234

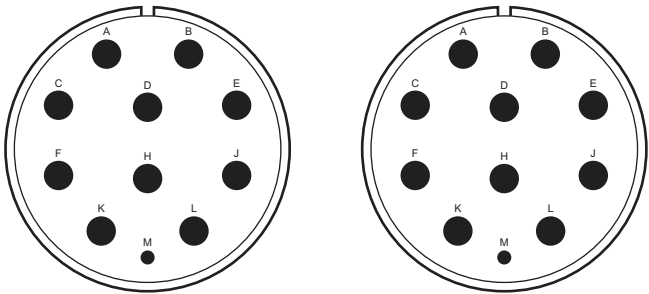
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

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

11 CONTACTS

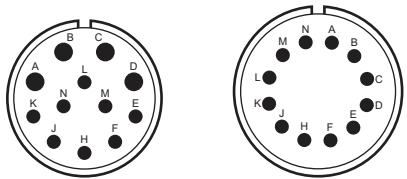


	20-31‡	20-33†	24-20†	28-14‡
CONTACTS	11-#16	11-#16	9-#16 (A-D, G-L) 2-#12 (E, F)	11-#16
RATING	A	A	D For new MIL equip. design, use 28-2	D

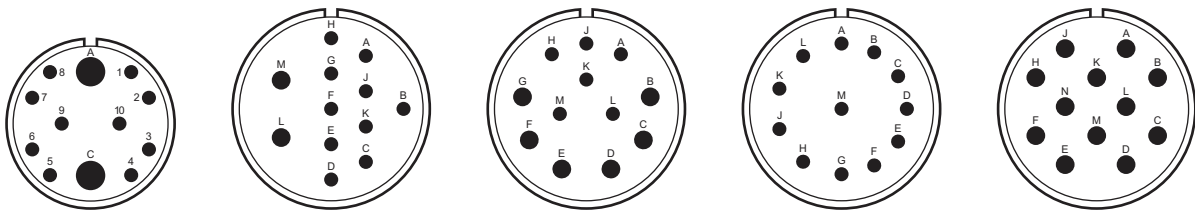


	40-67	40-80
CONTACTS	1-#16 (M) 10-#4 (A-L)	1-#16 (M) 10-#4 (A-L)
RATING	A	A

12 CONTACTS



	22-63	24-19‡
CONTACTS	8-#16 (E-L) 4-#12 (A-D)	12-#16
RATING	A	A



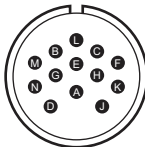
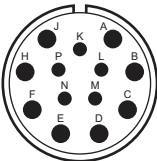
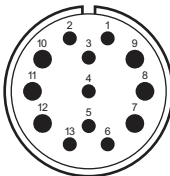
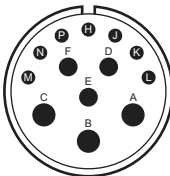
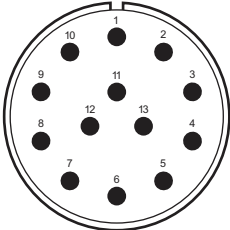
	24S12	28-8†	28-9†	28-18†	28-51
CONTACTS	10-#16 (1-10) 2-#4 (A,C)	10-#16 (A-K) 2-#12 (L, M)	6-#16 (A, H, M) 6-#12 (B-G)	12-#16	12-#12
RATING	A	D (B); E (L, M) A (balance)	D	A (A, B); C (M) D (G, L); INST. (C-F)	A

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

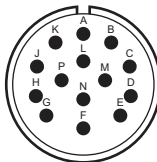
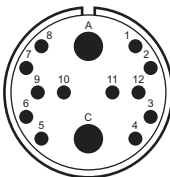
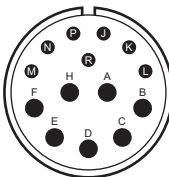
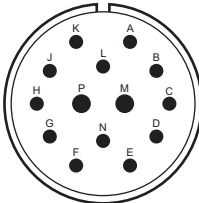
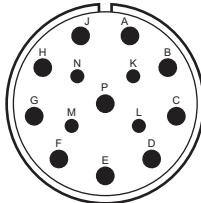
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

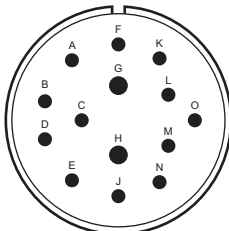
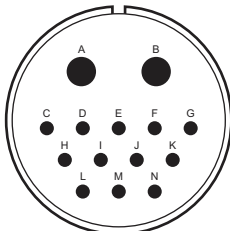
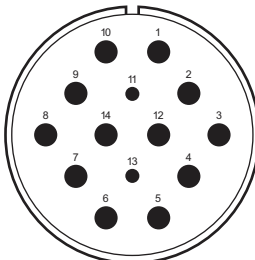
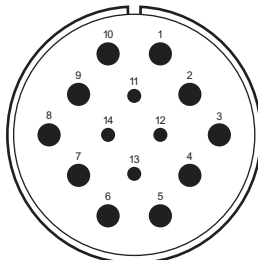
FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

13 CONTACTS

					
20-11†	22-70	24A13 24-013	24-58	32A13 32-013	
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)	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

† = Military designation per MIL-STD-1651.

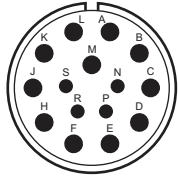
‡ = Military designation inactive for new design.

★ = VG95234

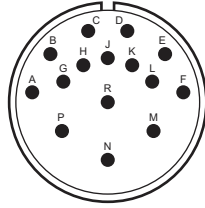
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

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

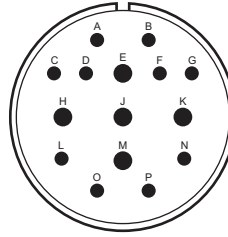
15 CONTACTS



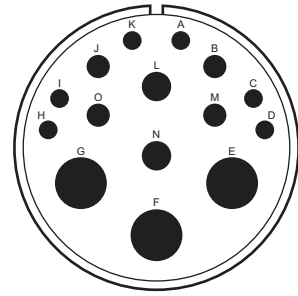
24-65



28-17†

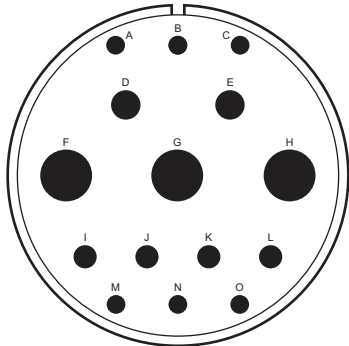


32-12‡



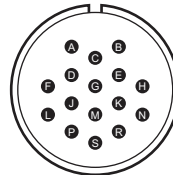
40-5†

CONTACTS	4-#16 (N-S) 11-#12 (A-M)	15-#16	10-#16 (A-D, F, G, L, N-P) 5-#12 (E, H, J, K, M)	6-#12 (C, D, H, I, K) 4-#8 (B, J, M, O) 2-#4 (L, N), 3-#0 (E, F, G)
RATING	A	A (A-L); B (R) D (M-P)	A (C-G); D (balance) For new MIL equip. design, use 32-13	D

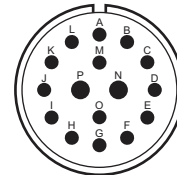


48-1†

16 CONTACTS

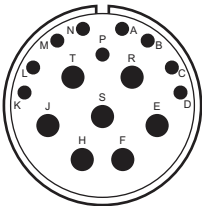


24-5‡

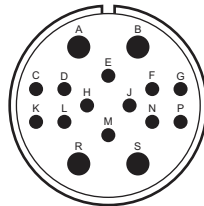


24-7†

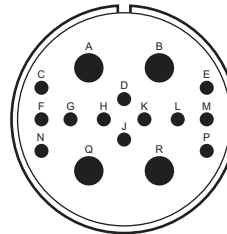
CONTACTS	6-#12 (A-C, M-O) 4-#8 (I-L), 2-#4 (D,E) 3-#0 (F-H)	16-#16	14-#16 (A-M,O) 2-#12 (N,P)
RATING	E (B, N); D (balance)	A For new MIL equip. design, use 22-14	A



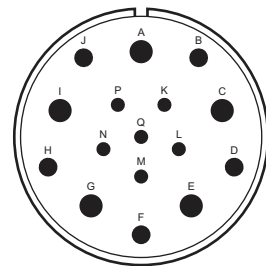
28-79



28-124



32-68



36-14‡

CONTACTS	9-#16 (A-D, K-P) 7-#8 (J, R, S, T)	12-#16 (C-P) 4-#8, (A,B,R,S)	12-#16 (C-P) 4-#4, (A,B,Q,R)	6-#16 (K-Q) 5-#12 (B, D, F, H, J) 5-#8 (A, C, E, G, I)
RATING	A	A	A	D

† = Military designation per MIL-STD-1651.

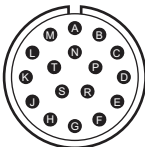
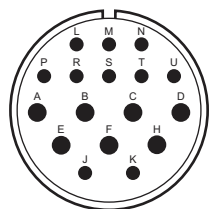
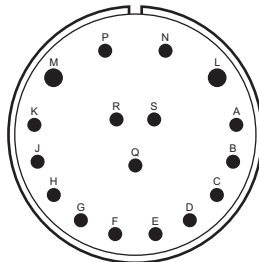
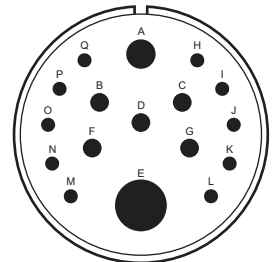
‡ = Military designation inactive for new design.

★ = VG95234

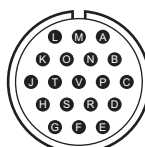
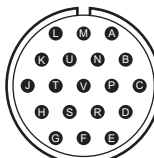
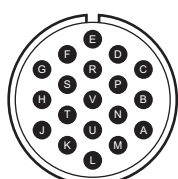
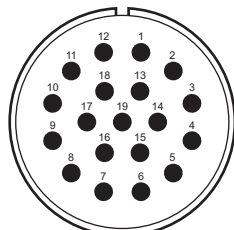
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

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

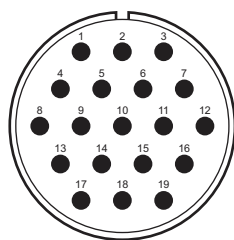
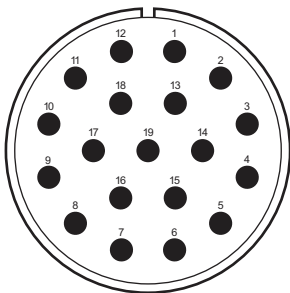
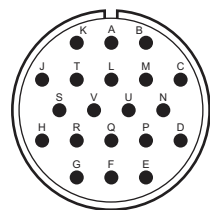
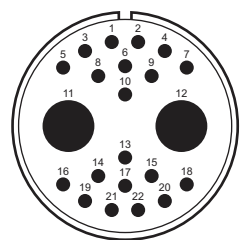
17 CONTACTS

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

19 CONTACTS

			
20A48	22-14‡	24-67	32S19
CONTACTS	19-#16	19-#16	19-#12
RATING	I	A	INST.

20 CONTACTS

			
32-76	40B19	28-16‡	32-76
CONTACTS	19-#12	19-#8	20-#16 2-#1/0
RATING	A	A	A

A
For new MIL equip.
design, use 28-12

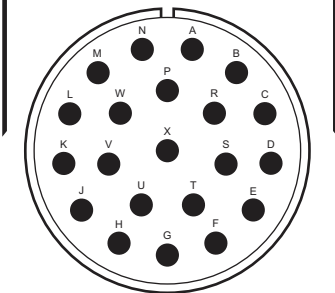
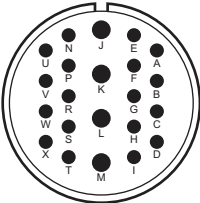
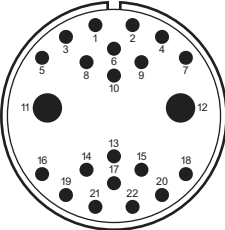
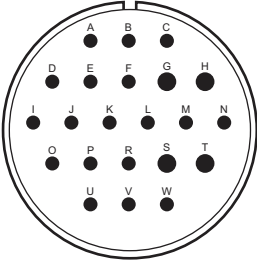
† = Military designation per MIL-STD-1651.

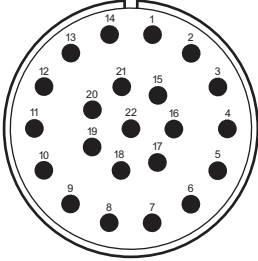
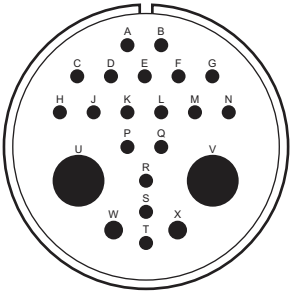
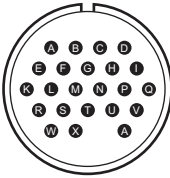
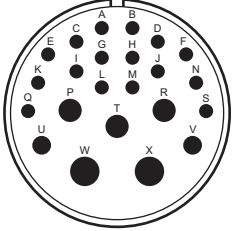
‡ = Military designation inactive for new design.

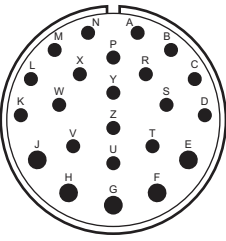
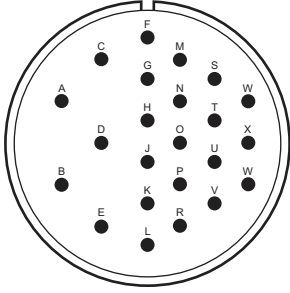
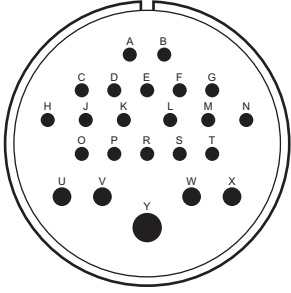
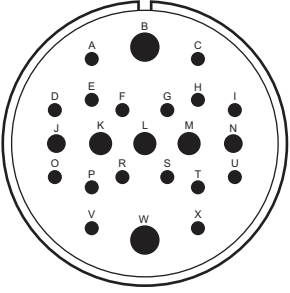
★ = VG95234

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

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

21 CONTACTS		22 CONTACTS		
				
40-68		28-11†	32B22	36-1‡
CONTACTS 21-#8		18-#16 (A-I, N-X) 4-#12 (J-M)	20-#16 (1-10, 13-22) 2-#4 (11, 12)	18-#16 (A-F, I-R, U-W) 4-#12 (G, H, S, T)
RATING A		A	A	D For new MIL equip. design, use 32-13

		23 CONTACTS	
36-22 36A22	40-7†		
CONTACTS 22-#12	18-#16 (A-T), 2-#12 (W, X) 2-#0 (U, V)	24-80†	32-6†
RATING D	A (P, Q, U-X); D (balance)	INST.	A

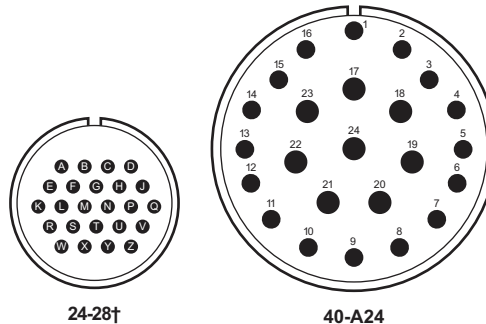
			
32-13†	40-2†	40-3†	40-4†
CONTACTS 18-#16 (A-D, K-Z) 5-#12 (E-J)	23-#16	18-#16 (A-T) 4-#12 (U-X); 1-#4 (Y)	16-#16 (A, C-I, O-V, X) 2-#12 (J, N); 3-#8 (K, L, M); 2-#4 (B, W)
RATING D	B (A-E); D (balance)	D	D

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

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

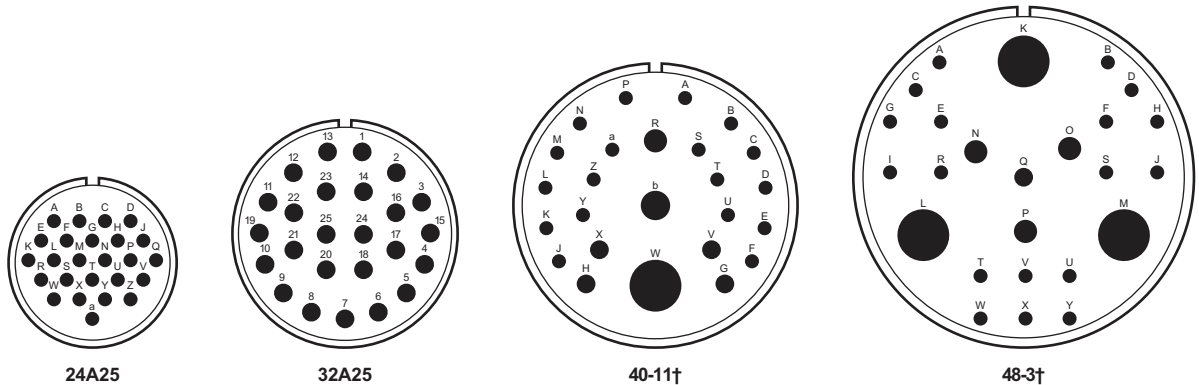
FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

24 CONTACTS



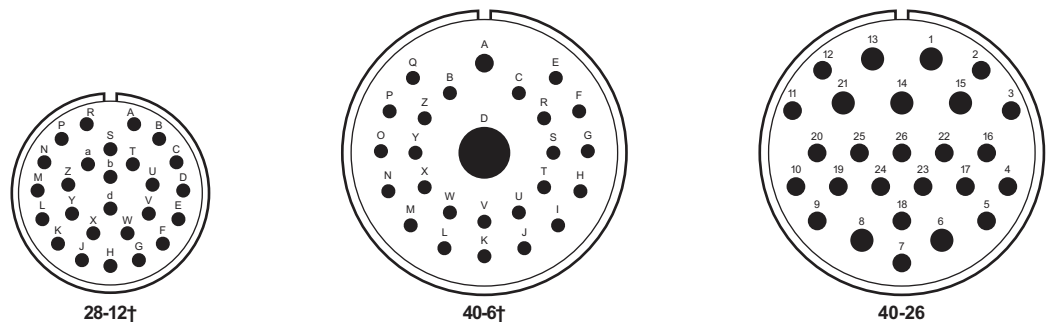
CONTACTS	24-#16	16-#12 (1-16) 8-#8 (17-24)
RATING	INST.	D

25 CONTACTS



CONTACTS	25-#16	25-#12	18-#16 (A-F, J-P, S-U, Y, Z a) 4-#12 (G, H, V, X) 1-#8 (R), 1-#4 (b), 1-#0 (W)	18-#16 (A-J, R-Y) 1-#12 (Q), 3-#8 (N-P) 3-#0 (K-M)
RATING	A	A	D	D

26 CONTACTS



CONTACTS	26-#16	24-#16 (B, C, E, Z) 1-#12 (A), 1-#0 (D)	19-#12 (2-5, 7, 9-12, 16-20, 22-26) 7-#8 (1, 6, 8, 13-15, 21)
RATING	A	D	A

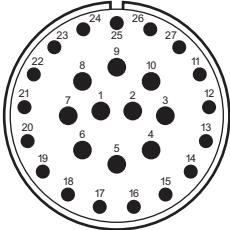
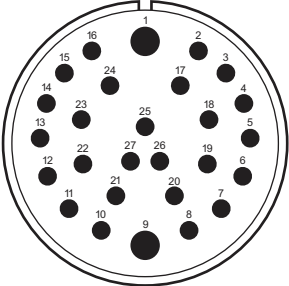
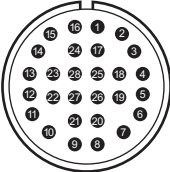
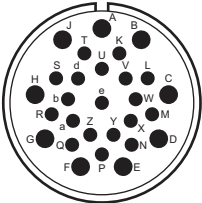
† = Military designation per MIL-STD-1651.

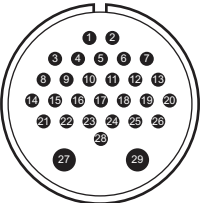
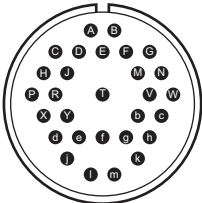
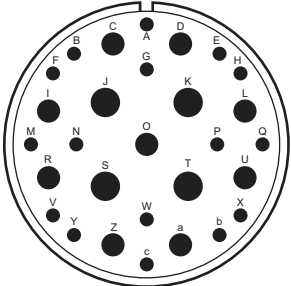
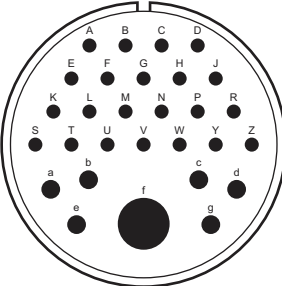
‡ = Military designation inactive for new design.

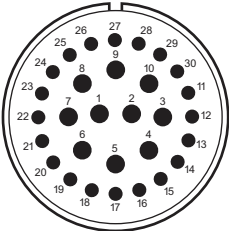
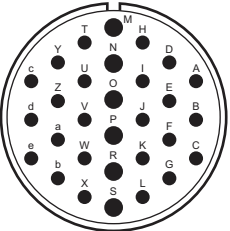
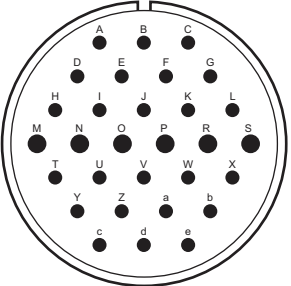
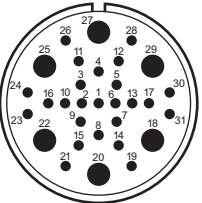
★ = VG95234

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

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

27 CONTACTS		28 CONTACTS	
			
32A27	40A27	24A28	28A63
CONTACTS 10-#12 (1-10) 17-#16 (11-27)		CONTACTS 25-#12 (2 thru 8, 10 thru 27) 2-#4 (1,9)	
CONTACTS 28-#16		CONTACTS 19-#16 (K-e) 9-#12 (A-J)	
RATING A		RATING I	
RATING D		RATING A (e) I (balance)	

29 CONTACTS			
			
28-A29	28A55	40-10†	40-12‡
CONTACTS 27-#16 (1-26,28) 2-#8 (27,29)		CONTACTS 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)	
CONTACTS 29-#16		CONTACTS 22-#16 (A-Z) 6-#12 (a-e, g), 1-#0 (f)	
RATING D		RATING A	
RATING A		RATING D	

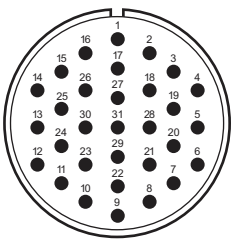
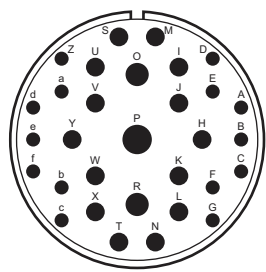
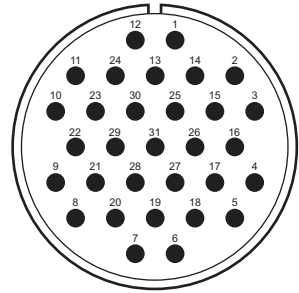
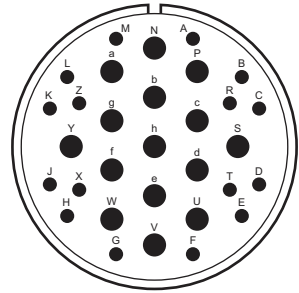
30 CONTACTS		31 CONTACTS	
			
32A30	32-8†	40-1†	28A31
CONTACTS 20-#16 (11-30) 10-#12 (1-10)		CONTACTS 24-#16 (A-L, T-Z, a-e) 6-#12 (M-S)	
CONTACTS 25-#18 (1-17, 19, 21, 23, 24, 26, 28, 30, 31) 6-#8 (18, 20, 22, 25, 27, 29)		CONTACTS 24-#16 (A-L, T-e) 6-#12 (M-S)	
RATING A		RATING D	
RATING A For new MIL equip. design, use 32-7		RATING A	

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

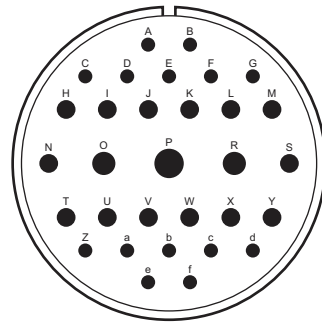
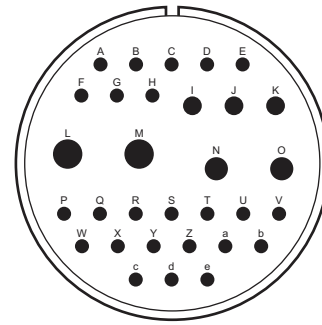
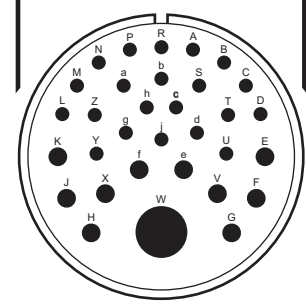
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

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

31 CONTACTS (CONT.)

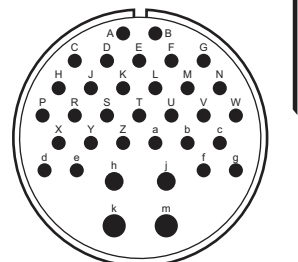
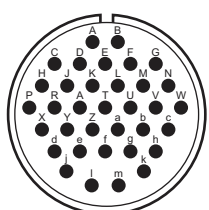
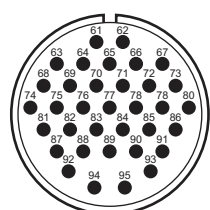
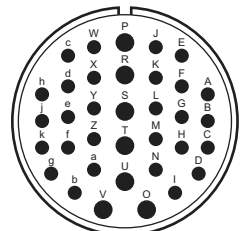
			
32-31	36-9†	40-31	40A51
CONTACTS	31-#16 14-#16 (A-G, Z-f) 14-#12 (H-N, S-Y) 2-#8 (O, R), 1-#4 (P)		
RATING	A A D A		

32 CONTACTS

			
44-2†	44-3†	40-14‡	
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)
RATING	D		D

34 CONTACTS

35 CONTACTS

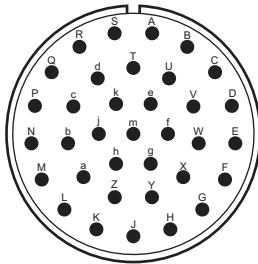
			
36-20‡	28-15†	28A35	32-7†
CONTACTS	30-#16 (A-g) 2-#12 (h-j) 2-#8 (k, m)		
RATING	A A A		

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

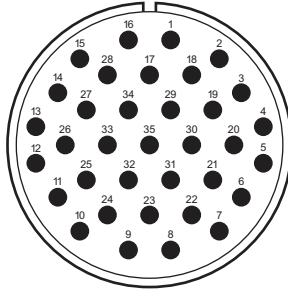
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

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

35 CONTACTS (CONT.)

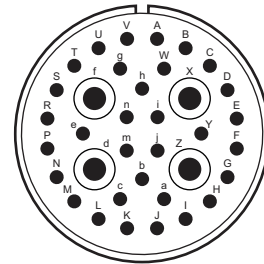


36-15†



40-35

36 CONTACTS



36-35

CONTACTS

35-#16

35-#12

4-#8 (d, f, X, Z)
32-#16 (A-W, Y, a, b, c, e, g-n)

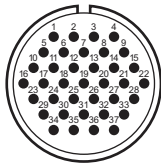
RATING

D (m); A (balance)

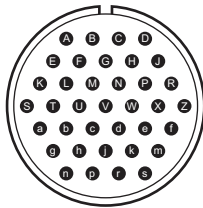
D

A

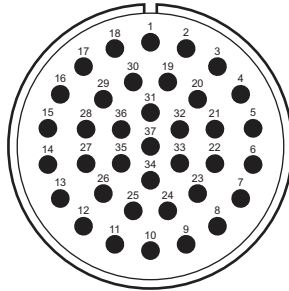
37 CONTACTS



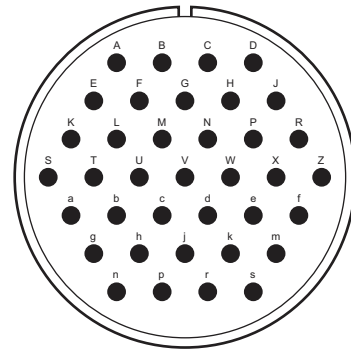
22A37



28-21†



40B37



48-53

CONTACTS

37-#18

37-#16

37-#12

37-#12

RATING

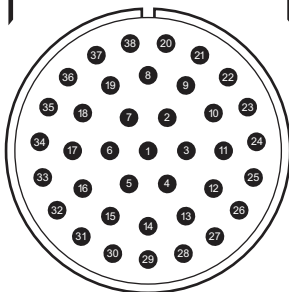
A

A

A

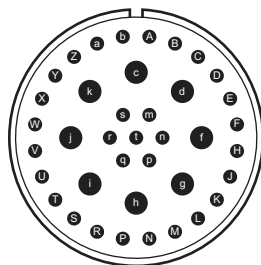
A

38 CONTACTS



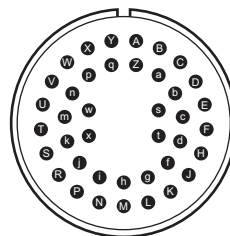
40A38

39 CONTACTS



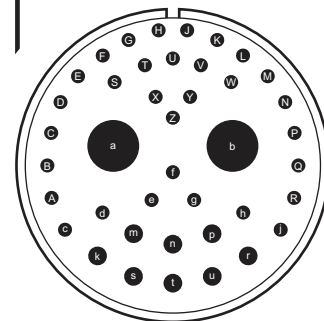
36-54

40 CONTACTS



32A40

41 CONTACTS



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

† = Military designation per MIL-STD-1651.

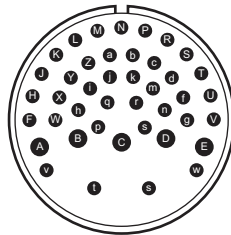
‡ = Military designation inactive for new design.

★ = VG95234

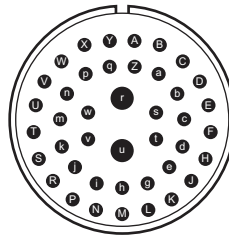
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

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

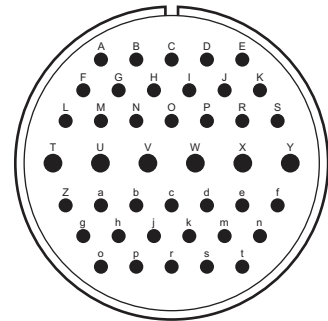
42 CONTACTS



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)

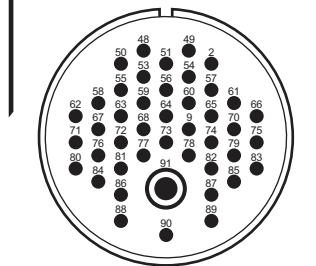
RATING

E (t,u); INST. (balance)

A

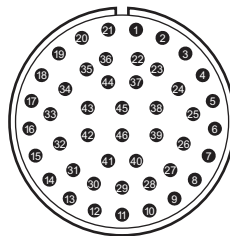
D

44 CONTACTS



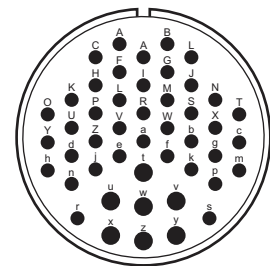
36-74

46 CONTACTS



32-73†

47 CONTACTS



36-7†

CONTACTS

43-#16 (48-90)
1-#8

46-#16

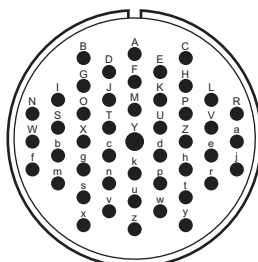
40-#16 (A-Z, a-s)
7-#12 (t-z)

RATING

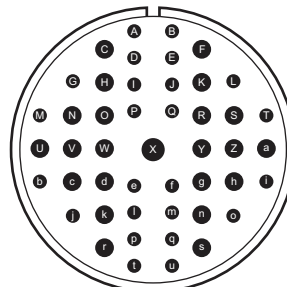
A

A

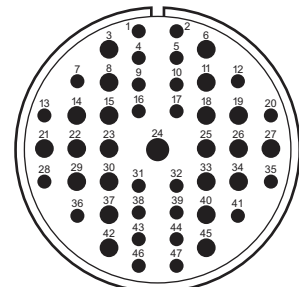
A



36-8†



40-9†



40-47

CONTACTS

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

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)

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)

RATING

A

A

A

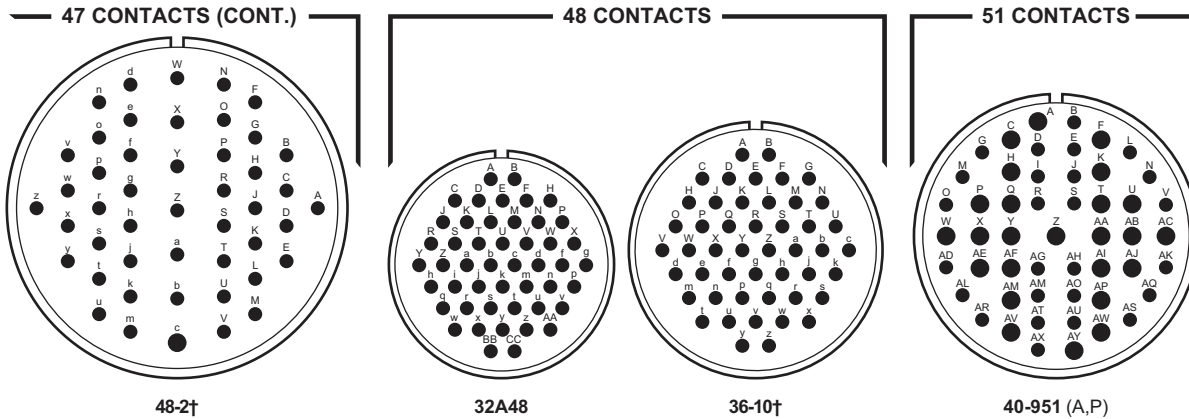
† = Military designation per MIL-STD-1651.

‡ = Military designation inactive for new design.

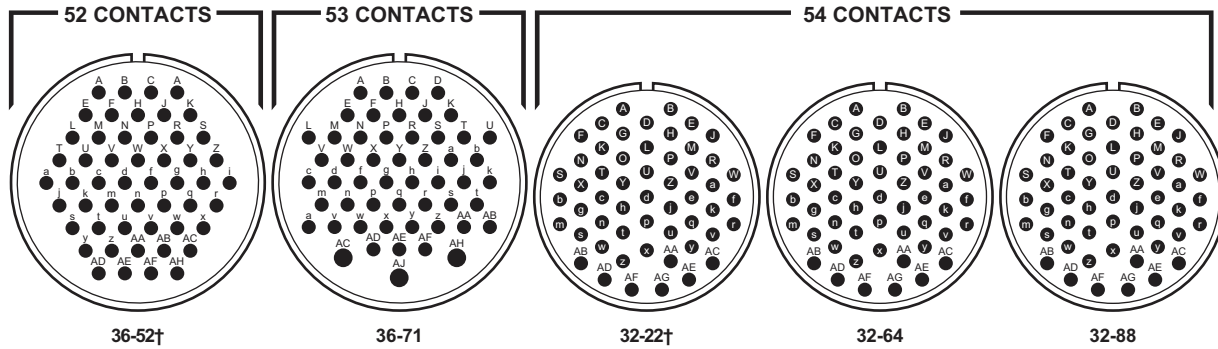
★ = VG95234

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

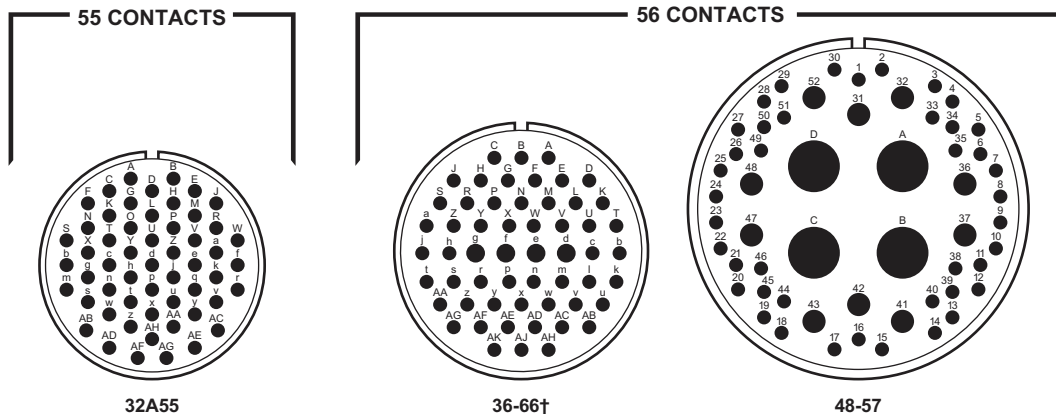
FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE



CONTACTS	46-#16 (A-b, d-z) 1-#12 (c)	48-#16	48-#16	25-#12 (A,C,F,H,K,P,Q,T,U,W-AC, AE,AF,AI,AJ,AM,AP,AV,AW) 26-#16 (balance)
RATING	E (W-b); D (balance)	I	A	A



CONTACTS	52-#16	50-#16 (A-AB, AD-AF) 3-#12 (AC, AH, AJ)	54-#16	54-#16	54-#16
RATING	A	A	A	INST.	A



CONTACTS	55-#16	52-#16 (A-c, h-AH) 4-#12 (d, e, f, g)	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)
RATING	A	A	A

† = Military designation per MIL-STD-1651.

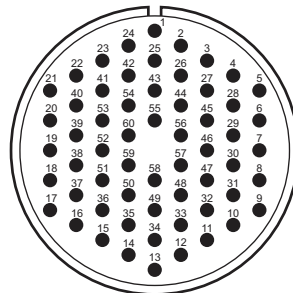
‡ = Military designation inactive for new design.

★ = VG95234

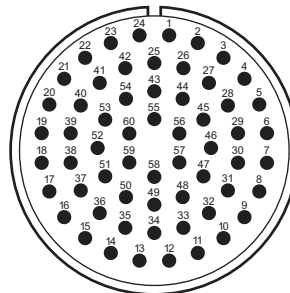
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

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

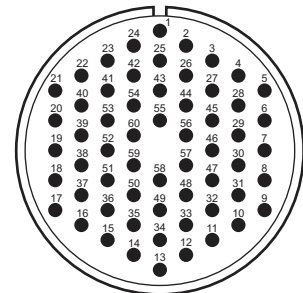
60 CONTACTS



40S27



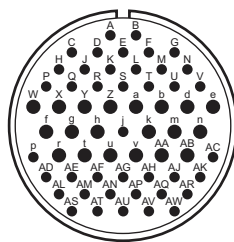
40-53



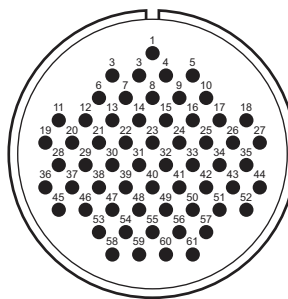
40-62

CONTACTS	60-#16	60-#16	60-#16
RATING	A	A	A

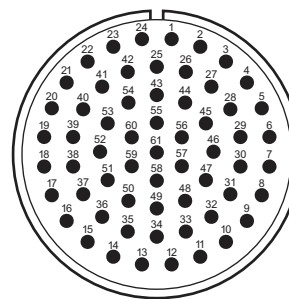
61 CONTACTS



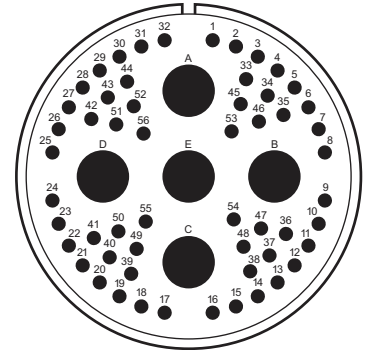
32A69★



40-70



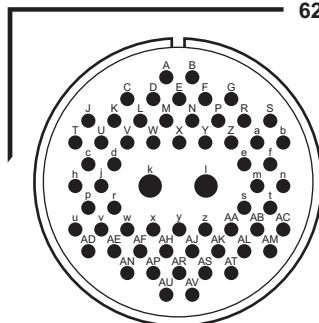
40-63



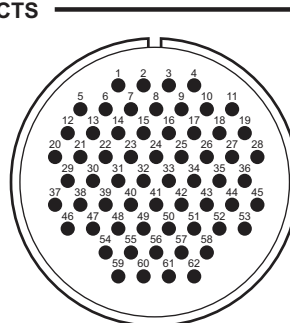
48-52

CONTACTS	41-#18 (A-V, j, p, AC-AW) 20-#16 (W-Z, a-v, AA, AB)	61-#16	61-#16	56-#16 (1-56) 5-#0 (A-E)
RATING	I	A	A	A

62 CONTACTS

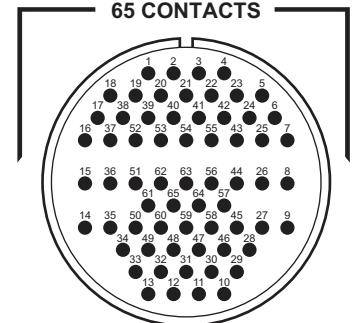


40A62



40-82

65 CONTACTS



40A65

CONTACTS	60-#16 (A-j,m-AV) 2-#8 (k,l)	62-#16	65-#16
RATING	A	A	A

† = Military designation per MIL-STD-1651.

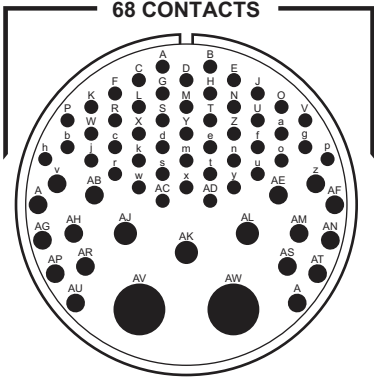
‡ = Military designation inactive for new design.

★ = VG95234

INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

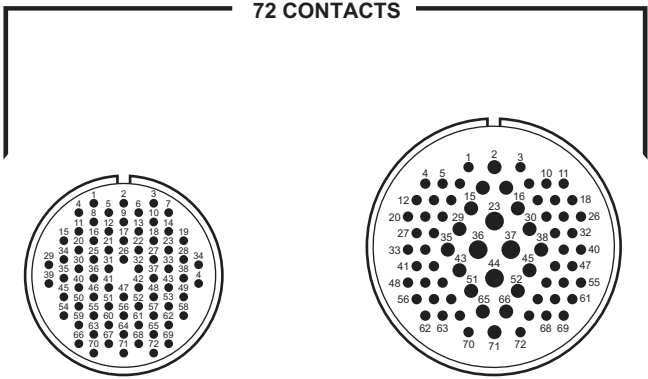
FACE VIEW OF PIN INSERTS SHOWN APPROXIMATELY 3/4 ACTUAL SIZE

68 CONTACTS



48-4†

72 CONTACTS



28-72

36-A72

CONTACTS

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)

72-#20

52-#18 (balance)
16-#16 (2,7,8,15,16,29,30,35,38,43,45,51,5265,66,71)
4-#12 (23,36,37,44)

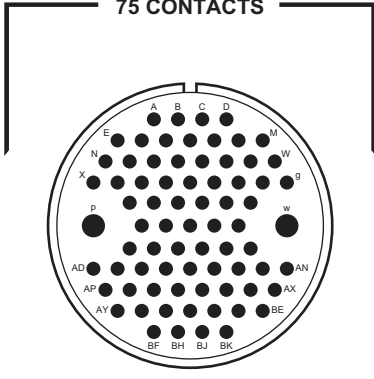
RATING

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

I

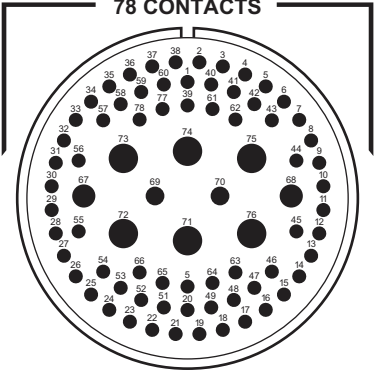
I

75 CONTACTS



40A75

78 CONTACTS



48-55

CONTACTS

73-#16 (A-n, q-v, x-BK)
2-#8 (p, w)

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

RATING

A

A

† = Military designation per MIL-STD-1651.

‡ = Military designation inactive for new design.

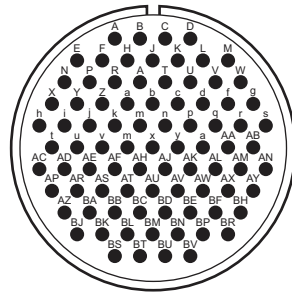
★ = VG95234



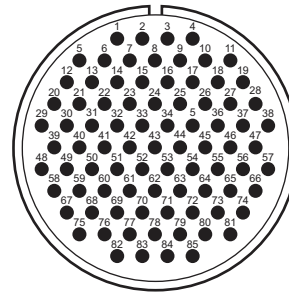
INSERT CONFIGURATIONS BY NUMBER OF CONTACTS

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

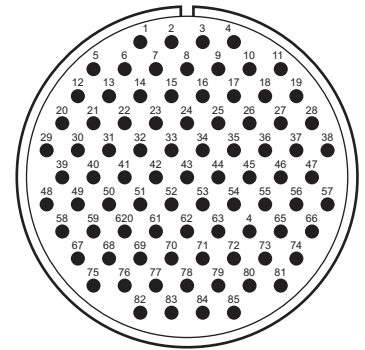
85 CONTACTS



40-56†



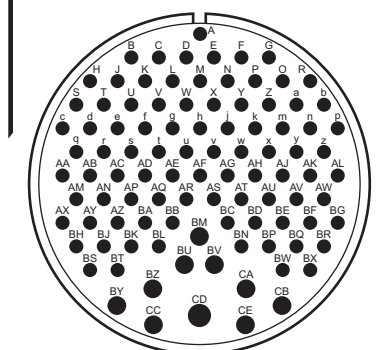
40A56
40N56



48-62‡

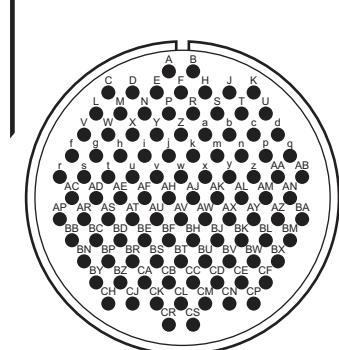
CONTACTS	85-#16	85-#16	85-#16
RATING	A	A	D

100 CONTACTS



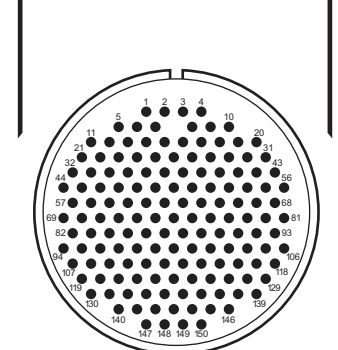
48-5†

104 CONTACTS



44-52‡

150 CONTACTS



40-150
40A150

CONTACTS	90-#16 (A-BL, BN-BT, BW, BX) 9-#12 (BM, BU, BV, BY-CC, CE) 1-#8 (CD)	104-#16	150-#18
RATING	A	A	I

† = Military designation per MIL-STD-1651.

‡ = Military designation inactive for new design.

★ = VG95234

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CAT-102
10.12

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