

Electrical Linkages

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- Cylindrical Connectors

Introduction

Series SEE Cylindrical Threaded Coupling Connectors are available for many applications from commercial / industrial use to the most stringent, high reliability military and space applications. They provide for minimum effort in usage and are therefore, high economy upgrades for existing applications and provide for simplified design for new and interface equipment. High quality manufacturing processes and materials combine with exacting design standards to ensure optimum performance and reliability under an extreme range of hostile environmental conditions. These threaded coupling connectors are designed and manufactured in conformance with **JSS 50812** (Indian Military Specifications) and **MIL -C-5015** (American Military Specifications).

JSS 50812/ MIL-C-5015 designates several classes of connectors to meet different requirement. Class designations and brief descriptions are listed below:

- A- Solid Shell for general, non-environmental applications.
- C- Pressurized - for use on pressurized bulkheads or pressure barriers; limits air leakage regardless of type and class of plug mated with them.
- E/F- Environmental Resisting with Strain Relief - designed for applications where the connector will be exposed to moisture, vibration and rapid changes in pressure and temperature.
- R- Lightweight Environmental Resisting - Shorter in length and lighter in weight than the E and F classes, the R offers a high degree of reliability under adverse conditions: recommended for new design application.

Series SEE Cylindrical Connectors are manufactured in conformance to class E/F.

Features

Series SEE connectors satisfy all the performance requirements of **JSS 50812 / MIL-C-5015** and are recommended for conditions where vibration, moisture, pressure and/or temperature are extreme. Strain relief is supplied on most shell sizes.

Shells: Shell components are fabricated from high grade aluminium alloy. The standard hardware plating is electrically conductive cadmium plated finish with an olive drab chromate passivation for corrosion resistance. Other plating options include nickel plating, chrome plating and black passivation

Contacts : Contacts are silver plated copper alloy for maximum corrosion resistance, maximum current carrying capacity and low millivolt drop. Crimp and solder termination are available.

Inserts : Resilient Polychloroprene inserts provide an outstanding moisture barrier, high dielectric strength and resistance to vibration. Either pin or socket insert can be pressurized. Other inserts options include silicon.

Strain Relief Clamp : Strain relief clamps minimize tension at the solder well connection and provide a positive mechanical moisture seal. Complete field serviceability is possible with the strain relief clamp.

Technical & Safety Information

Throughout the print catalogue, we refer to the “plug” as that part which bears the coupling nut and which is free when unmated. The mating component we refer to as the “receptacle”. This is normally fixed to the equipment except for the line or cable connector where both mating parts are free.

The contacts themselves are known as pin or socket respectively.

No attempt has been made to recommend operating voltages. The designer must determine his own operating voltages by the application of a safety factor to compensate for circuit transients, surges and so on.

Please also see note regarding interchangeability of products on back inside page.

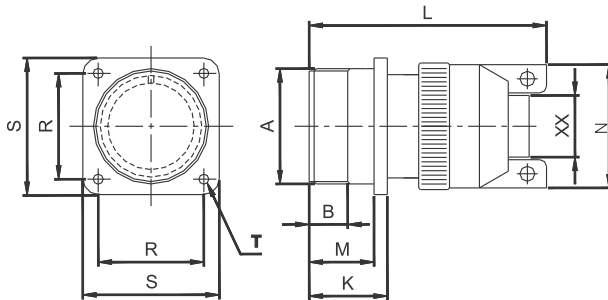
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SE-00 E/F Series

(MS 3100 E/F Series) Wall Mounting Receptacle

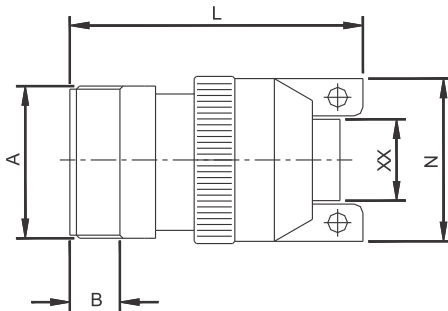


Shell Size	Thread A	B mm	L mm	M mm	N mm	R mm	S mm	T mm	XX Cable Clearance mm
10SL	0.6250" - 24 UNEF	11.00	50.00	14.50	19.00	18.20	25.40	3.00	8.00
14S	0.8750" - 20 UNEF	12.50	57.00	14.50	25.00	23.00	30.00	3.00	10.50
16S	1.0000" - 20 UNEF	12.50	57.00	14.50	28.00	24.60	32.30	3.00	13.50
18	1.1275" - 18 UNEF	17.00	68.00	19.50	32.00	27.00	35.00	3.00	15.50
20	1.2500" - 18 UNEF	17.00	72.00	19.50	38.00	29.30	38.00	3.00	19.00
22	1.3750" - 18 UNEF	17.00	72.00	19.50	38.00	31.75	41.00	3.00	19.00
24	1.5000" - 18 UNEF	17.00	72.00	21.00	44.50	34.90	44.50	3.70	24.00
28	1.7500" - 18 UNS	17.00	72.00	21.00	44.50	39.70	51.00	3.70	24.00
32	2.0000" - 18 UNS	17.00	72.00	22.50	57.00	44.45	57.15	4.50	34.00
36	2.2500" - 16 UNS	18.00	72.00	22.50	57.00	49.24	63.50	4.40	34.00

All dimensions in mm unless specified otherwise

SE-01 E/F Series

(MS 3101 E/F Series) Cable Connecting Receptacle



Shell Size	Thread A	B mm	L mm	N mm	XX Cable Clearance mm
10SL	0.6250" - 24 UNEF	11.00	50.00	19.00	8.00
14S	0.8750" - 20 UNEF	12.50	57.00	25.00	10.00
16S	1.0000" - 20 UNEF	12.50	55.00	28.00	13.50
18	1.1275" - 18 UNEF	17.00	69.00	32.00	15.50
20	1.2500" - 18 UNEF	17.00	71.00	38.00	19.00
22	1.3750" - 18 UNEF	17.00	71.00	38.00	19.00
24	1.5000" - 18 UNEF	17.00	71.00	44.50	24.00
28	1.7500" - 18 UNS	17.00	72.00	44.50	24.00
32	2.0000" - 18 UNS	17.00	72.00	57.00	34.00
36	2.2500" - 16 UNS	18.00	72.00	57.00	34.00

All dimensions in mm unless specified otherwise

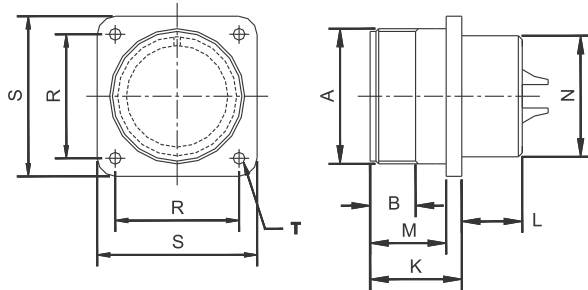
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SE-02 E Series

(MS 3102 E Series) Box Mounting Receptacle

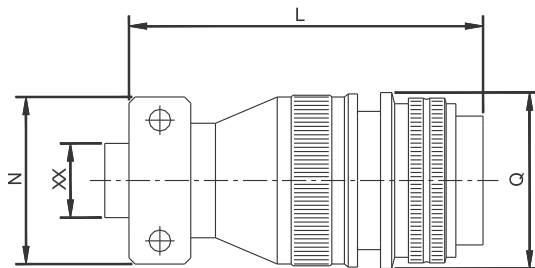


Shell Size	Thread A	B mm	L mm	M mm	N mm	R mm	S mm	T mm
10SL	0.6250" - 24 UNEF	11.00	8.50	14.50	16.00	18.20	25.40	3.00
14S	0.8750" - 20 UNEF	12.50	8.00	14.50	19.00	23.00	30.00	3.00
16S	1.0000" - 20 UNEF	12.50	8.00	14.50	23.00	24.60	32.00	3.00
18	1.1275" - 18 UNEF	17.00	15.50	19.50	25.00	27.00	35.00	3.00
20	1.2500" - 18 UNEF	17.00	15.50	19.50	28.30	29.30	38.00	3.00
22	1.3750" - 18 UNEF	17.00	15.50	19.50	31.50	31.75	41.00	3.00
24	1.5000" - 18 UNEF	17.00	13.00	21.00	35.00	34.90	44.50	3.70
28	1.7500" - 18 UNS	17.00	13.50	21.00	41.00	39.70	51.00	3.70
32	2.0000" - 18 UNS	17.00	13.00	22.50	48.50	44.45	57.15	4.50
36	2.2500" - 16 UNS	18.00	13.00	22.50	52.00	49.24	63.50	4.40

All dimensions in mm unless specified otherwise

SE-06 E/F Series

(MS 3106 E/F Series) Straight Plug



Shell Size	Thread A	L mm	N mm	Q mm	XX Cable Clearance mm
10SL	0.6250" - 24 UNEF	52.50	17.50	24.00	8.00
14S	0.8750" - 20 UNEF	58.00	24.50	29.20	10.00
16S	1.0000" - 20 UNEF	57.00	27.00	31.50	13.50
18	1.1275" - 18 UNEF	68.00	32.00	34.00	15.50
20	1.2500" - 18 UNEF	72.00	38.00	37.30	19.00
22	1.3750" - 18 UNEF	72.00	38.00	40.50	19.00
24	1.5000" - 18 UNEF	72.00	44.50	43.40	24.00
28	1.7500" - 18 UNS	72.00	44.50	50.00	24.00
32	2.0000" - 18 UNS	72.00	56.00	56.30	34.00
36	2.2500" - 16 UNS	72.00	56.00	62.00	34.00

All dimensions in mm unless specified otherwise

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Standard Arrangements

Insert Arrangemets	Service Rating	Total Contacts	Contact Details				
			16G	12G	08G	04G	00G
10SL-3	A	3	3				
10SL-4	A	2	2				
14S-2	INST	4	4				
14S-5	INST	5	5				
14S-6	INST	6	6				
14S-7	A	3	3				
14S-9	A	2	2				
16S-1	A	7	7				
16S-5	A	3	3				
16S-10	A	3		3			
18-01	A/INST	10	10				
18-04	D	4	4				
18-11	A	5		5			
18-15	A	4		4			
20-03	D	3		3			
20-15	A	7		7			
20-21	A	9	8	1			
20-22	A	6	3		3		
20-27	A	14	14				
20-29	A	17	17				
20-33	A	11	11				
22-10	E	4	4				
22-14	A	19	19				
22-16	A	9	6	3			
22-34	D	5	2	3			
24-05	A	16	16				
24-07	A	16	14	2			
24-11	A	9		6	3		
24-28	INST	24	24				
28-11	A	22	18	4			
28-12	A	26	26				
28-20	A	14	4	10			
28-21	A	37	37				
28-22	D	6	3			3	
36-09	A	31	14	14	2	1	
36-10	A	48	48				

Special Arrangements

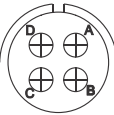
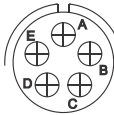
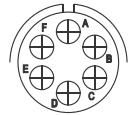
Insert Arrangement	Service Rating	Total Contacts	Contact Details				
			16G	12G	08G	04G	00G
20-SP01	D	2	2				
24-SP01	D	9		9			
28-SP01	A	16		16			
32-SP01	A	42	42				
32-SP02	A	20	20				
36-SP01	D	22		22			
36-SP02	D	13		9	4		
36-SP03	D	11	4		7		

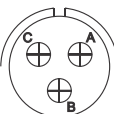
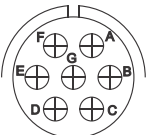
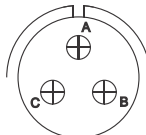
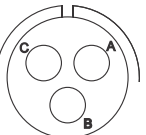
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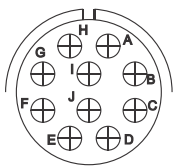
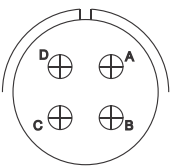
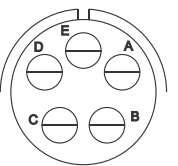
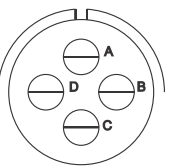
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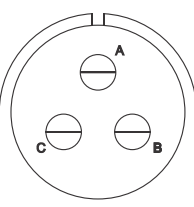
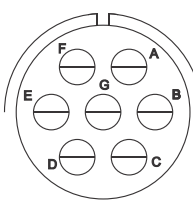
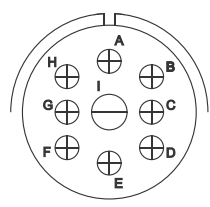
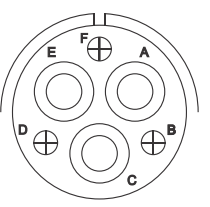
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Standard Arrangements

					
Insert Arrangement	10 SL-3	10 SL-4	14 S-2	14S-5	14 S-6
Service Rating	A	A	INST.	INST.	INST.
No. Of Contacts	3	2	4	5	6
Contact Size	16 g	16 g	16 g	16 g	16 g

					
Insert Arrangement	14 S-7	14 S-9	16S-1	16 S-5	16 S-10
Service Rating	A	A	A	A	A
No. Of Contacts	3	2	7	3	3
Contact Size	16 g	16 g	16 g	16 g	12g

				
Insert Arrangement	18-01	18-04	18-11	18-15
Service Rating	B, C, F, G, = A; Bal. = Inst.	D	A	A
No. Of Contacts	10	4	5	4
Contact Size	16 g	16 g	12 g	12 g

				
Insert Arrangement	20-3	20-15	20-21	20-22
Service Rating	D	A	A	A
No. Of Contacts	3	7	1 8	3 3
Contact Size	12g	12 g	12g 16g	8g 16g

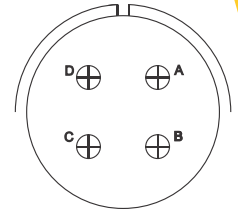
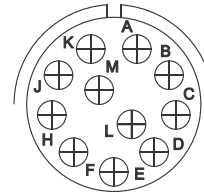
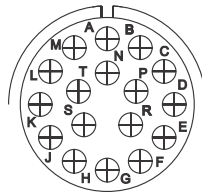
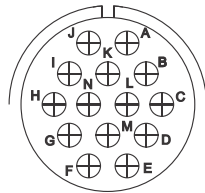
Legend



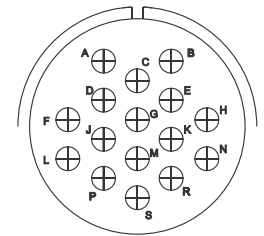
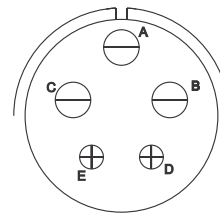
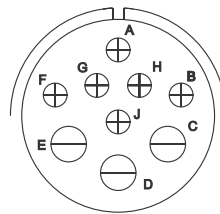
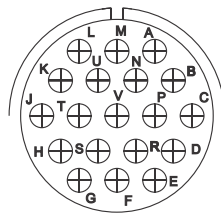
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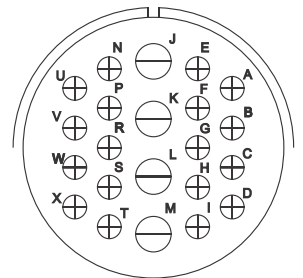
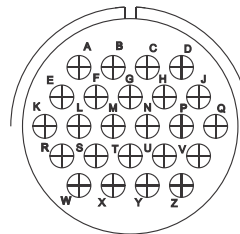
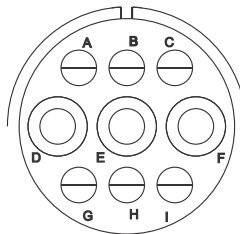
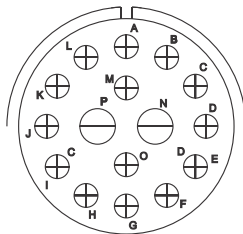
Standard Arrangements



Insert Arrangement	20-27	20-29	20-33	22-10
Service Rating	A	A	A	E
No. Of Contacts	14	17	11	4
Contact Size	16 g	16g	16 g	16g

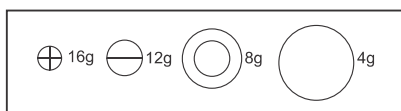


Insert Arrangement	22-14	22-16	22-34	24-5
Service Rating	A	A	D	A
No. Of Contacts	19	3 6	3 2	16
Contact Size	16g	12g 16g	12g 16g	16g



Insert Arrangement	24-7	24-11	24-28	28-11
Service Rating	A	A	INST.	A
No. Of Contacts	2 14	3 6	24	4 18
Contact Size	12g 16g	8g 12g	16g	12g 16g

Legend

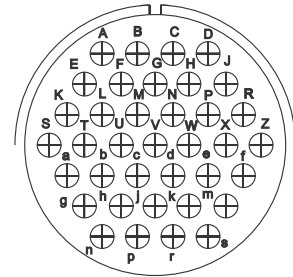
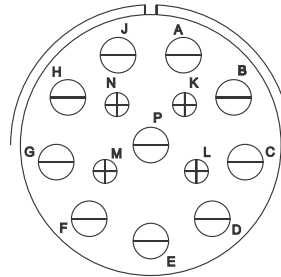
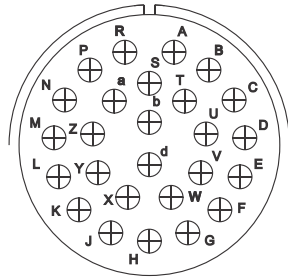


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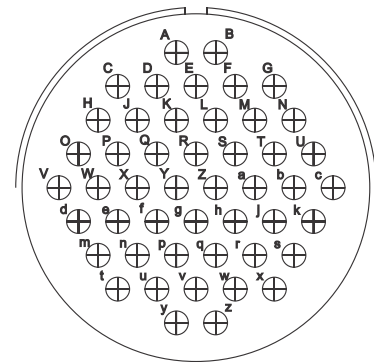
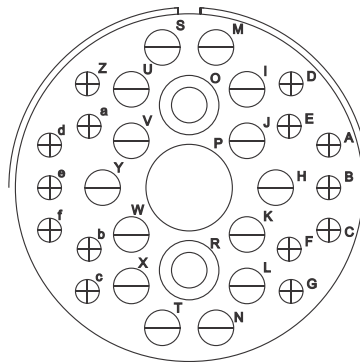
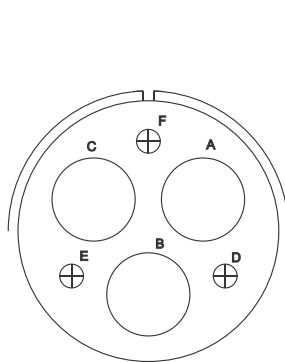
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Standard Arrangements



Insert Arrangement	28-12	28-20	28-21
Service Rating	A	A	A
No. Of Contacts	26	10 4	37
Contact Size	16g	12g 16g	16g



Insert Arrangement	28-22	36-9	36-10
Service Rating	D	A	A
No. Of Contacts	3 3	1 2 14 14	48
Contact Size	4g 16g	4g 8g 12g 16g	16g

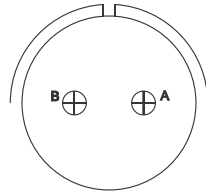
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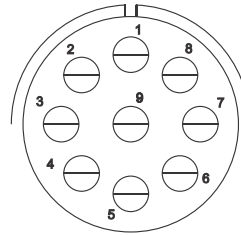
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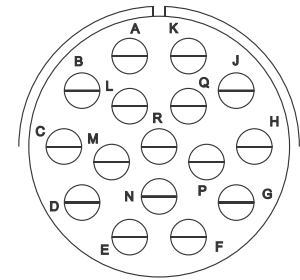
Special Arrangements



20-SP01

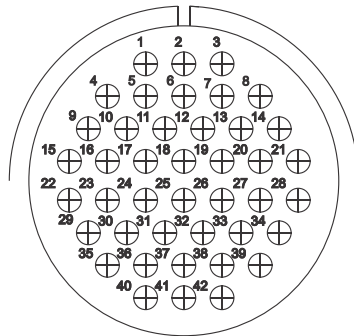


24-SP01

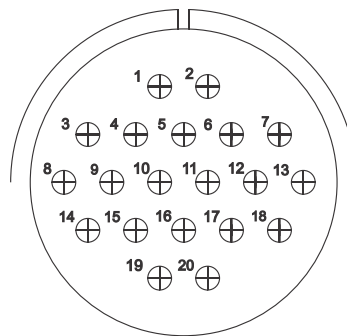


28-SP01

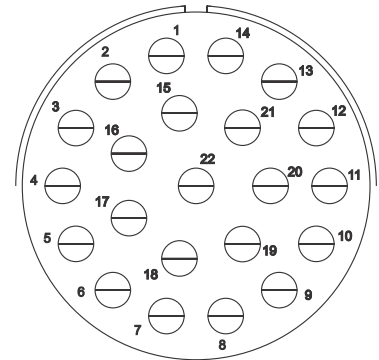
Insert Arrangement	20-SP01	24-SP01	28-SP01
Service Rating	D	D	A
No. Of Contacts	2	9	16
Contact Size	16g	12g	12g



32-SP01

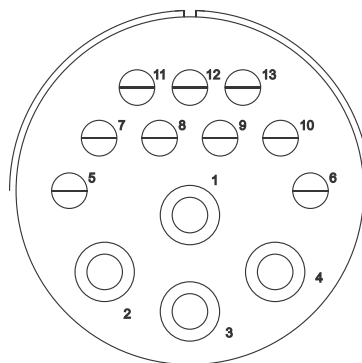


32-SP02

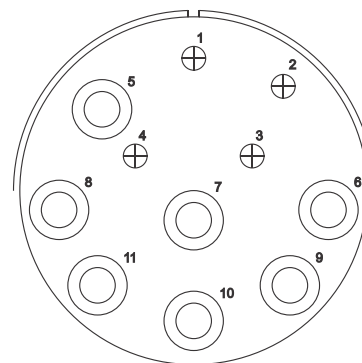


36-SP01

Insert Arrangement	32-SP01	32-SP02	36-SP01
Service Rating	A	A	D
No. Of Contacts	42	20	22
Contact Size	16g	16g	12g



36-SP02



36-SP03

Insert Arrangement	36-SP02	36-SP03
Service Rating	D	D
No. Of Contacts	4 9	7 4
Contact Size	8g 12g	8g 16g

Legend



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Contacts

Machined copper alloy contacts in a full range of sizes. A heavy silver-plated finish is deposited on all solder contacts for maximum corrosion resistance, maximum current carrying capacity and low millivolt drop.

TABLE 1
STANDARD SOLDER CONTACTS*

Pin/ Socket	Mating End Size	Wire Barrel Size	Allowable Wire Size	Test Current** Amps
Pin	16 Short#	16	16	13
			18	10
			20	7.5
Socket			22	5
Pin	16 Long	16	16	13
			18	10
			20	7.5
Socket			22	5
Pin	12	12	12	23
Socket			14	17
Pin	8	8	8	46
Socket			10	33
Pin	4	4	4	80
Socket			6	60
Pin	0	0	0	150
Socket			2	100

* Solder Wells Filled

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

The 10SL, 14S and 16S connectors require short contacts.

TABLE 2
MS SERVICE RATING

MS Service Rating	Recommended Operating Voltage* at Sea Level		Effective Creepage Distance Nom.	Mechanical Spacing Nom.
	DC	AC (RMS)		
Inst.	250	200	1/16	
A	700	500	1/8	1/16
D	1250	900	3/16	1/8
E	1750	1250	1/4	3/16
B	2450	1750	5/16	1/4
C	4200	3000	1	5/16

* The values listed in Table 2 represent operating values which includes a generous safety factor. It may be necessary for some applications to exceed the operating voltages listed there. If this is necessary, designers will find Table 3 useful for determining the degree to which the recommended values of Table 2 can be exceeded.

TABLE 3
ALTITUDE VOLTAGE DERATINGCHART**

MS Service Rating	Nominal Distance		Standard Sea Level Conditions		Pressure Altitude# 50,000 Feet		Pressure Altitude# 70,000 Feet	
	Airspace	Creepage	Minimum Flashover Voltage AC (RMS)	Test Voltage AC (RMS)	Minimum Flashover Voltage AC (RMS)	Test Voltage AC (RMS)	Minimum Flashover Voltage AC (RMS)	Test Voltage AC (RMS)
Inst.	1/32	1/16	1400	1000	500	400	325	260
A	1/16	1/8	2800	2000	800	600	450	360
D	1/8	3/16	3600	2800	900	675	500	400
E	3/16	1/4	4500	3500	1000	750	550	440
B	1/4	5/16	5700	4500	1100	825	600	480
C	5/16	1	8500	7000	1300	975	700	560

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

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

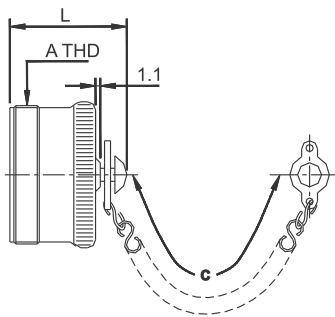


Electrical Linkages

Electrical Linkages

- Cylindrical Connectors

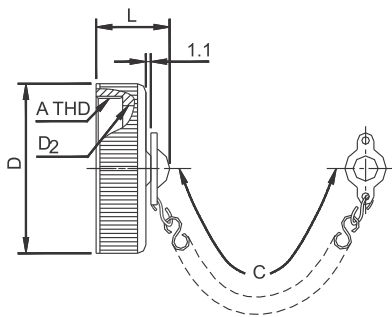
Protection Cap - Plug



Shell Size	Thread A	L mm	C Approx. inch
10SL	0.6250" - 24 UNEF	23.50	4.00
14S	0.8750" - 20 UNEF	28.00	4.00
16S	1.0000" - 20 UNEF	28.00	4.00
18	1.1275" - 18 UNEF	28.00	4.00
20	1.2500" - 18 UNEF	28.00	4.00
22	1.3750" - 18 UNEF	28.00	4.00
24	1.5000" - 18 UNEF	28.00	4.00
28	1.7500" - 18 UNS	28.00	4.00
32	2.0000" - 18 UNS	28.00	5.00
36	2.2500" - 16 UNS	28.00	5.00

All dimensions in mm unless specified otherwise

Protection Cap - Receptacle



Shell Size	Thread A	D mm	D ₂ mm	L mm	C Approx. inch
10SL	0.6250" - 24 UNEF	20.70	11.80	15.10	4.00
14S	0.8750" - 20 UNEF	28.00	17.90	15.10	4.00
16S	1.0000" - 20 UNEF	30.00	20.80	15.10	4.00
18	1.1275" - 18 UNEF	34.00	24.50	15.10	4.00
20	1.2500" - 18 UNEF	37.50	27.50	15.10	4.00
22	1.3750" - 18 UNEF	40.00	30.30	15.10	4.00
24	1.5000" - 18 UNEF	43.50	33.50	15.10	4.00
28	1.7500" - 18 UNS	50.00	39.10	15.10	4.00
32	2.0000" - 18 UNS	56.50	45.30	15.10	5.00
36	2.2500" - 16 UNS	62.70	50.80	15.10	5.00

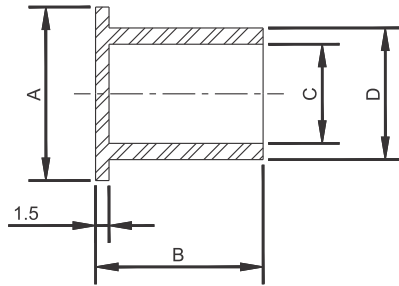
All dimensions in mm unless specified otherwise

Electrical Linkages

Electrical Linkages

- Cylindrical Connectors

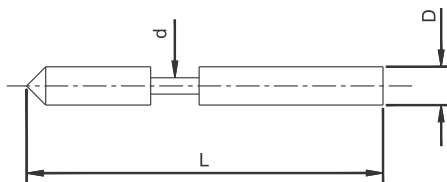
Dust Cap - Plug & Receptacle



Shell Size (for External Thread) Receptacle	Shell Size (for Internal Thread) Plug	A mm	B mm	C mm	D mm
-	10SL	18.40	14.00	11.30	14.70
10SL	-	24.20	14.00	15.50	20.00
-	14S	24.40	14.00	17.00	20.20
14S	16S	27.20	14.00	22.50	24.00
16S	-	30.00	14.00	25.50	27.00
-	18	29.00	16.50	23.40	26.00
18	20	35.00	16.50	28.50	31.00
20	-	36.00	16.50	31.60	33.60
-	22	36.80	16.50	29.50	33.00
22	24	40.00	16.50	34.70	36.80
24	-	43.00	16.50	33.00	39.50
-	28	46.20	16.50	38.70	42.50
28	-	53.70	16.50	44.40	49.80
-	32	50.00	16.50	45.00	47.00
32	-	56.00	16.50	50.60	52.50
-	36	59.00	16.50	54.20	55.30
36	-	62.00	16.50	57.00	59.00

All dimensions in mm unless specified otherwise

Sealing Plug



Gauge Size	L mm	D mm	d mm
16g	20.00	3.00	1.50
12g	20.00	4.70	2.50
8g	20.00	7.80	3.60
4g	20.00	10.90	9.00
0g	20.00	15.00	11.50

All dimensions in mm unless specified otherwise

Sealing plugs are used to fill unused holes in multi hole configurations

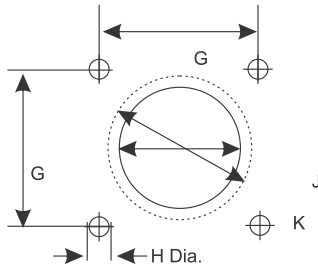
Electrical Linkages

Electrical Linkages

- Cylindrical Connectors

Panel Cutouts

For SE-00, SE-02

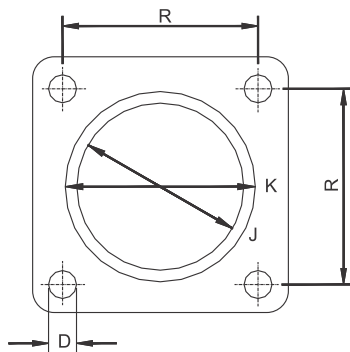


Dim. J - Flange in front of panel
Dim. K - Flange at rear of panel

Shell Size	Flange Mounting Hole Diameter		Front Mount	Rear Mount
	G mm	H mm	J mm	K mm
10SL	18.2	3.4	16.4	17.5
14S	23.0	3.4	19.7	23.8
16S	24.6	3.4	22.9	27.0
18	27.0	3.4	26.1	30.2
20	29.4	3.4	29.5	33.3
22	31.8	3.4	32.7	36.5
24	34.9	3.9	36.0	39.7
28	39.7	3.9	42.0	46.0
32	44.5	4.5	48.3	52.4
36	49.2	4.5	54.6	58.7

All dimensions in mm unless specified otherwise

Sealing Gasket



Shell Size	Flange Mounting Hole Diameter		Front Mount	Rear Mount
	R mm	D mm	J mm	K mm
10SL	18.20	3.00	16.30	16.50
14S	23.00	3.00	22.70	19.50
16S	24.60	3.00	25.80	23.50
18	27.00	3.00	29.00	25.50
20	29.30	3.00	32.20	28.80
22	31.75	3.00	35.30	32.00
24	34.90	3.70	38.50	35.50
28	39.70	3.70	44.90	41.50
32	44.45	4.50	51.20	49.00
36	49.24	4.40	57.70	52.50

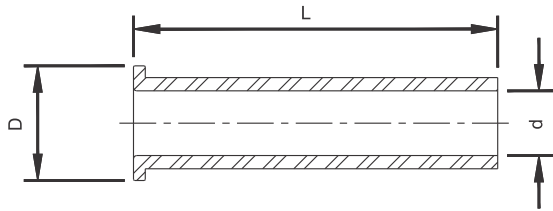
All dimension in mm unless specified otherwise

Electrical Linkages

Electrical Linkages

- Cylindrical Connectors

Cable Pipe



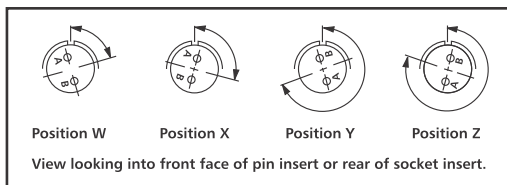
Shell Size	D mm	d mm	L mm
10SL	13.00	5.60	71.50
14S	16.00	8.00	68.50
16S	19.00	11.00	65.50
18	22.00	13.50	62.00
20 & 22	27.00	16.00	59.00
24 & 28	33.50	19.00	56.00
32	40.50	24.00	53.00
36	47.00	32.00	50.00

All dimensions in mm unless specified otherwise

Insert Alternate Positioning

To avoid cross-plugging problems in applications requiring the use of more than one connector of the same size and arrangement, alternate rotations are available as indicated in the accompanying charts.

As shown in the diagram below, the front face of the pin inserts is rotated within the shell in a clockwise direction from the normal shell key. The socket insert would be rotated counter-clockwise the same number of degrees in respect to the normal shell key.



Insert Arrangement	Degrees			
	W	X	Y	Z
10SL-4	63	-	-	-
14S-2	-	120	240	-
14S-5	-	110	-	-
14S-7	90	180	270	-
14S-9	70	145	215	290
16-10	90	180	270	-
16S-1	80	-	-	280
16S-5	70	145	215	290
18-1	70	145	215	290
18-4	35	110	250	325
18-11	-	170	265	-
18-15	-	120	240	-

The following inserts arrangements have the same alternate insert rotations for W, X, Y and Z, which are:

Degrees			
W	X	Y	Z
80	110	250	280

Insert Arrangement				
20-22	22-16	24-5	24-28	28-20
22-14	22-34	24-7	28-11	28-21

Insert Arrangement	Degrees			
	W	X	Y	Z
20-3	70	145	215	290
20-15	80	-	-	280
20-21	35	110	250	325
20-27	35	110	250	325
20-29	80	-	-	280
22-10	35	110	250	325
24-11	35	110	250	325
28-12	90	180	270	-
36-9	80	125	235	280
36-10	80	125	235	280

Electrical Linkages

Electrical Linkages

- Cylindrical Connectors

Ordering Instructions

SE - 06 - E - 1801 - P - SP

Series SEE Cylindrical Threaded Coupling Connectors designed and manufactured as per JSS 50812 and MIL-C-5015 Military Specifications.

MS 3100 Series is, therefore, SE-00

MS 3101 Series is, therefore, SE-01

MS 3102 Series is, therefore, SE-02

MS 3106 Series is, therefore, SE-06

The Shell Style

Receptacles

00 indicates Wall Mounting Receptacle

01 Indicates Cable Connecting Receptacle

02 indicates Panel Mounting Receptacle

Plugs

06 indicates Straight Plug

The Service Class

E - Environmental Resisting

F - Environmental Resisting with Strain Relief

For Special Requirements, Add Suffix

NP Nickel Plated Contact

GP Gold Plated Contact

CR Crimp Contact

SI Silicon Insert

PC Protection Cap

ZN Zinc Plating On Shell

CH Chrome Plating On Shell

The Contact Types

This designates the type of contacts required in the inserts

P - For Pin contact

S - For Socket contact

The Insert Arrangements

The insert arrangement consisting of the Shell Size and the Insert Arrangement Number.

18 SP - indicates a special customized arrangement in 18 Shell.

Standard Scope of Supply:

Cadmium Plated with olive drab Chromate on Shell, Polychloroprene Insert, Silver Plated solder

Termination contacts with strain Relief glands and Dust Caps on plug and receptacle.

Consult Factory For Crimping Tools, Contact Insertion and Extraction Tools, Gland tubes and other accessories which are available on request. Prices available on request

Electrical Linkages

Electrical Linkages

- Push Pull Connectors

Introduction

Features

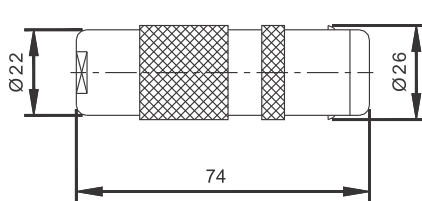
Series PS Push Pull Connectors are ideally suitable for application in high value equipment finding outdoor applications, amongst others.

- ▶ Watertight when giving protection index of IP 66
- ▶ No disconnection under vibration or pull against cable
- ▶ Self locking, screw free design; Push to connect: Pull to disconnect
- ▶ High temperature range (-180°C to 1200°C)
- ▶ Female contacts of closed entry design ensuring perfect concentric mating
- ▶ Low contact resistance
- ▶ High voltage, low voltage and/ or mixed voltage ratings
- ▶ Secure and reliable electrical connections

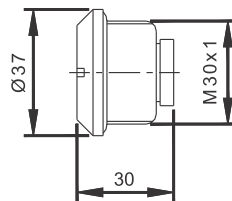
Standard Materials:

Body	Brass, chrome plated
Insulator	PTFE
Contacts	Copper Alloy, silver plated

Specifications:



PLUG



SOCKET



CONTACT ARRANGEMENT						
NO. OF CONTACTS		2	3	4	5	6
WORKING VOLTAGE (KV)	C - C	5.0	3.0	3.0	0.7	0.7
	B - C	5.0	3.0	3.0	0.8	0.8
PROOF VOLTAGE (KV)	C - C	14.0	8.0	8.0	2.0	2.0
	B - C	14.0	8.0	8.0	2.5	2.5

Ordering Instructions

PS - 06 - P

Series Push Pull Connectors

No Of Contacts

(P) Plug on Socket (S)