MilSpecWest

THE VERY BEST IN MICRO INTERCONNECT PRODUCTS

MIL-26482 STYLE CONNECTORS







Series I · Solder Contacts

Specializing in Aerospace,
Marine and Defense

(888) 428-2188 www.milspecwest.com

TABLE OF CONTENTS

Introduction 01
Technical Features At A Glance 01
General Specifications 02
Part Numbering System 03
Alternate Keyways 04
Insert Layouts 05
Product Dimensions 07
Wall Mount Receptacle (MSW00) 08
In-Line Receptacle (MSW01) 09
Square Flange Receptacle (MSW02) 10
Right Angle Plug (MSW08) 10
Straight Plug (MSW06) 11
Jam Nut Receptacle (MSW07) 12
PCB Receptacles 13
Protective Covers 14



MIL-26482 CONNECTOR INTRODUCTION

These quick-disconnect circular connectors use bayonet coupling and are environmentally sealed. Originally designed for military use, they are now commonly found in industrial and transportation applications requiring a rugged connector. MilSpecWest's MSW26482 Style Series I connectors are offered with solder contacts in wall mount, in-line, box mount and jam nut receptacles and in straight and right angle plugs, with "E" nut or strain relief backshells.

TECHNICAL FEATURES AT A GLANCE

- MIL-DTL-26482 Series I style circular connectors
- Quick-disconnect bayonet coupling
- Operating temperature range: -55°C to +125°C
- Environmental (Class E) and general duty (Class A) versions
- Shell sizes 8 through 24
- Insert arrangements from 2 to 61 contacts
- #20 (Ø1.0 mm) and #16 (Ø1.6 mm) contacts
- Solder contacts; crimp and PCB versions available
- Alternate insert positions W, X, Y and Z
- Wall mount, in-line, box mount and jam nut receptacles
- Straight and right angle plugs
- "E" nut or strain relief clamp backshells
- Cadmium olive drab or electroless nickel finish
- Minimum of 500 mating cycles
- Protective covers available





MSW26482 GENERAL SPECIFICATIONS

Operating Temperature Range: -55°C to +125°C (-67°F to +125°F)

Environmental Seal: Wired, mated connectors with the specified accessory attached, shall meet the environmental requirements of MIL-C-26482.

Durability: Minimum of 500 mating cycles

Shock and Vibration Requirements: When tested as follows the connector shall sustain no physical damage or electrical discontinuity exceeding one microsecond.

Shock: Pulse of an approximate half sine wave of 50 g magnitude with duration of 11 milliseconds applied in three axes.

Vibration: Twelve hours of random vibration having a range of 10 to 2000 Hz with a .06 [1.52] inch double amplitude (10-55 Hz) and a 15 G peak level (55 to 2,000 Hz).

Altitude and Service Rating

Altitude		Service Rating	
ft.	m	Inst.	A
Sea Level	-	1500	2300
50,000	15,240	500	750
70,000	21,336	375	500
110,000	33,528	200	200

Note: When the voltage as indicated above is applied between shell and closest contact to the shell or between the two closest contacts for a period of 5 seconds, there shall be no evidence of flashover or breakdown.

Contact Rating and Retention

Contact Size*	DC Test Amperage	Contact Retention Axial Load	
		lb	N
20	7.5	15	66.7
16	13.0	25	111.2

*Organize individual circuits to maintain heat rise within operating temperature requirements.

PART NUMBER DEFINITION

Part number coding

MSW00	E	12	-	10	P	W	-	SR	-	44
Style	Class	Shell Size		Insert Arrangement	Contact Style	Insert Clocking		Backshell		Finish

Field	Code – Description
Style	**MSW00** – Receptacle, Wall Mount MSW01 – Receptacle, In-Line (Cable Connecting) MSW02 – Receptacle, Box Mount MSW07 – Receptacle, Jam Nut Mount MSW06 – Plug, Standard MSW08 – Plug, Right Angle
Class	**E** – Environmental A – General Duty
Shell Size	**8 – 24** – See Insert Layouts (pages 5–6)
Insert Arrangement	**e.g. 10** – See Insert Layouts (pages 5–6)
Contact Style	**P** – Pin S – Socket
Insert Clocking	**Blank** – Normal W, X, Y, Z – Alternates (see Alternate Keyways, page 4)
Backshell	**SR** – Strain Relief Clamp Blank – Straight Backshell
Finish	**Blank** – Cadmium Olive Drab -44 – Electroless Nickel

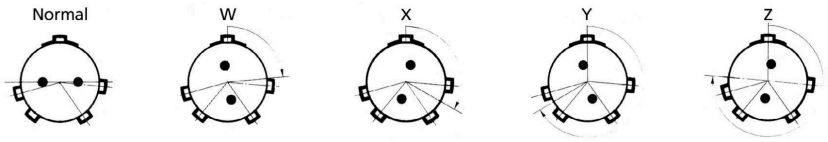
Part Number Example

MSW00E12-10PW-SR = wall mount receptacle, environmental, shell size 12, insert arrangement 10, pin contacts, alternate insert position W, strain relief clamp, cadmium olive drab finish.

MSW06E16-26S-44 = straight plug, environmental, shell size 16, insert arrangement 26, socket contacts, normal insert position, straight backshell, electroless nickel finish.

ALTERNATE KEYWAYS *(Insulator rotated inside shell)*

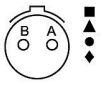
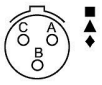
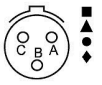
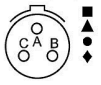
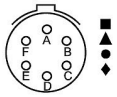
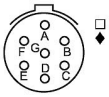
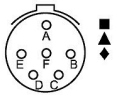
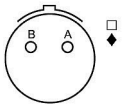
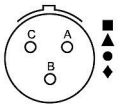
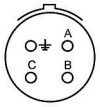
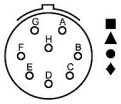
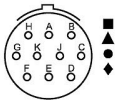
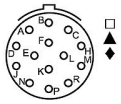
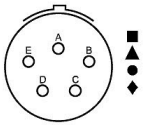
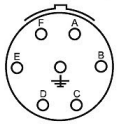
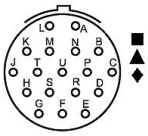
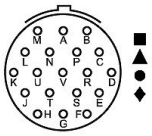
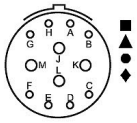
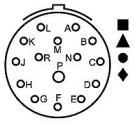
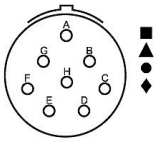
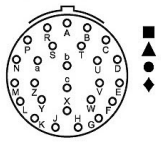
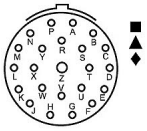
Viewed from front face of male insulator (receptacle or plug). Male insulator rotates clockwise. Female insulator rotates counter-clockwise.



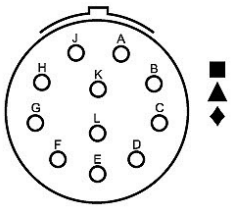
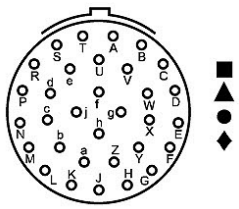
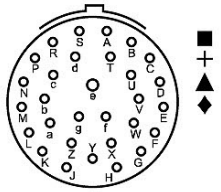
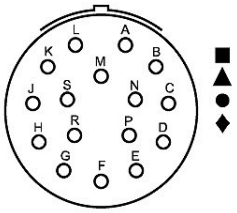
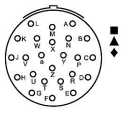
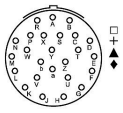
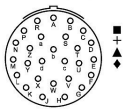
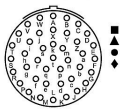
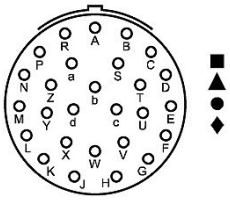
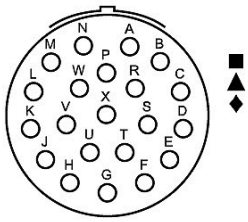
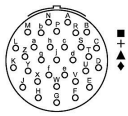
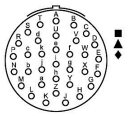
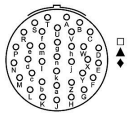
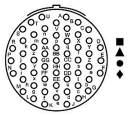
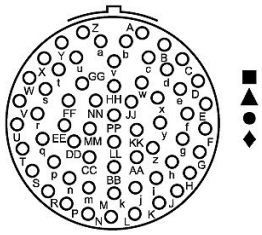
Shell	Layout	Angle in degrees				Solder	Crimp	Service 1 1500 Vrms	Service 2 2300 Vrms
		W	X	Y	Z				
8	2	58	122	-	-	•		X	
	3	60	210	-	-	•		X	
	3A (98)*	60	210	-	-	•	•	X	
	4	45	-	-	-	•		X	
	33	90	-	-	-	•	•	X	
10	6	90	-	-	-	•	•	X	
	7*	90	-	-	-			X	
	98	90	180	240	270	•	•	X	
12	3	-	-	180	-	•	•		X
	4								
	8	90	112	203	292	•	•	X	
	10	60	155	270	295	•	•	X	
	2	-	-	-	-				X
	14*	45				•		X	
14	5	40	92	184	273	•	•		X
	7								
	12	43	90	-	-	•	•	X	
	15	17	110	155	234	•	•	X	
	18	15	90	180	270	•	•	X	
	19	30	165	315	-	•	•	X	
16	8	54	152	180	331	•	•		X
	23	158	270	-	-	•	•	X	
	26	60	-	275	338	•	•	X	
18	11	62	119	241	340	•	•		X
	32	85	138	222	265	•	•	X	
	30	180	193	285	350		•	X	
20	16	238	318	333	347	•	•		X
	39	63	144	252	333	•	•	X	
	41	45	126	225	-	•	•	X	
	24	70	145	215	290	•	•	X	
	25	72	144	216	288			X	
	27	72	144	216	288		•	X	
22	21	16	135	175	349	•	•		X
	36	72	144	216	288			X	
	55	30	142	226	314	•	•	X	
	32	72	145	215	288		•	X	
	34	62	142	218	298		•	X	
24	61	90	180	270	324	•	•	X	

• Available X Service rating

INSERT LAYOUTS *(Shell sizes 8 – 16)*

Shell size	Contact #16 (Ø 1.6 mm)	Contact #20 (Ø 1.0 mm)	Mixed power
8		8-2 2 contacts 2xØ1.0 (#20)  8-3 3 contacts 3xØ1.0 (#20)  8-3A/8-98 3 contacts 3xØ1.0 (#20)  8-33 3 contacts 3xØ1.0 (#20)  8-4 4 contacts 4xØ1.0 (#20) 	
10		10-6 6 contacts 6xØ1.0 (#20)  10-7 7 contacts 7xØ1.0 (#20)  10-98 6 contacts 6xØ1.0 (#20) 	
12	12-2 2 contacts 2xØ1.6 (#16)  12-3 3 contacts 3xØ1.6 (#16)  12-4 3 contacts +ground 4xØ1.6 (#16) 	12-8 8 contacts 8xØ1.0 (#20)  12-10 10 contacts 10xØ1.0 (#20)  12-14 14 contacts 14xØ1.0 (#20) 	
14	14-5 5 contacts 5xØ1.6 (#16)  14-7 6 contacts +ground 7xØ1.6 (#16) 	14-18 18 contacts 18xØ1.0 (#20)  14-19 19 contacts 19xØ1.0 (#20) 	14-12 12 contacts 8xØ1.0 (#20) 4xØ1.6 (#16)  14-15 15 contacts 14xØ1.0 (#20) 1xØ1.6 (#16) 
16	16-8 8 contacts 8xØ1.6 (#16) 	16-26 26 contacts 26xØ1.0 (#20) 	16-23 23 contacts 22xØ1.0 (#20) 1xØ1.6 (#16) 

INSERT LAYOUTS *(Shell sizes 18 – 24)*

Shell size	Contact #16 (Ø 1.6 mm)	Contact #20 (Ø 1.0 mm)	Mixed power
18	18-11 11 contacts 11xØ1.6 (#16) 	18-32 32 contacts 32xØ1.0 (#20) 	18-30 30 contacts 29xØ1.0 (#20) 1xØ1.6 (#16) 
20	20-16 16 contacts 16xØ1.6 (#16) 	20-24 24 contacts 24xØ1.0 (#20)  20-25 25 contacts 25xØ1.0 (#20)  20-27 27 contacts 27xØ1.0 (#20)  20-41 41 contacts 41xØ1.0 (#20) 	20-39 39 contacts 37xØ1.0 (#20) 2xØ1.6 (#16) 
22	22-21 21 contacts 21xØ1.6 (#16) 	22-32 32 contacts 32xØ1.0 (#20)  22-34 34 contacts 34xØ1.0 (#20)  22-36 36 contacts 36xØ1.0 (#20)  22-55 55 contacts 55xØ1.0 (#20) 	
24		24-61 61 contacts 61xØ1.0 (#20) 	

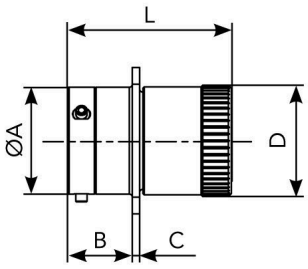


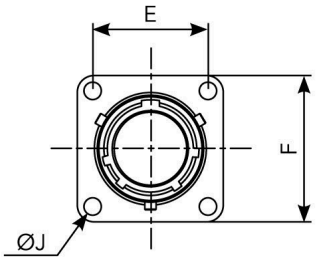
CUSTOM CABLE ASSEMBLIES

With more than 30 years experience in the interconnect and cable assembly business, MILSPECWEST is your best choice for high quality, competitive cable assemblies for your accelerometer, sensor, MEMS and MilSpec requirements, including MIL-DTL-26482 style harnesses.

Contact sales@milspecwest.com or call (888) 428-2188 for an immediate response to any of your cable assembly requirements.

WALL MOUNT RECEPTACLE, ENVIRONMENTAL, WITH “E” NUT

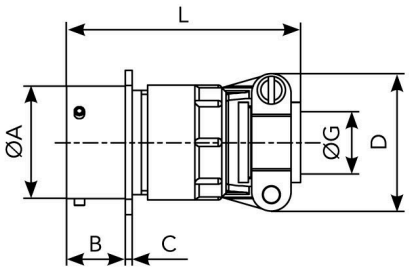


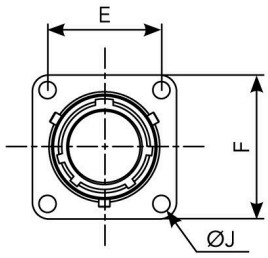




Shell size	Part Number	L max	A	B max	C max	D max	E	F max	J
8	MSW00E8-__P/S	32.70	12.03	11.70	1.32	13.50	15.09	20.99	3.13
10	MSW00E10-__P/S	32.70	15.01	11.70	1.32	16.70	18.26	24.19	3.13
12	MSW00E12-__P/S	32.70	19.07	11.70	1.32	19.90	20.62	26.54	3.13
14	MSW00E14-__P/S	32.70	22.25	11.70	1.32	23.40	23.00	28.89	3.13
16	MSW00E16-__P/S	32.70	25.42	11.70	1.32	26.60	24.61	31.29	3.13
18	MSW00E18-__P/S	32.70	28.60	11.70	1.32	29.50	26.97	33.69	3.13
20	MSW00E20-__P/S	34.50	31.77	14.35	2.15	32.70	29.36	36.89	3.13
22	MSW00E22-__P/S	34.50	34.95	14.35	2.15	36.00	31.75	39.99	3.13
24	MSW00E24-__P/S	34.50	38.12	15.20	2.15	39.10	34.92	43.15	3.81

WALL MOUNT RECEPTACLE, ENVIRONMENTAL, WITH STRAIN RELIEF



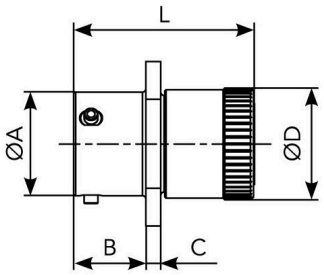


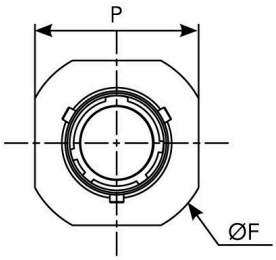


Shell size	Part Number	L max	A	B max	C max	D max	E	F max	J
8	MSW00E8-__P/S - SR	48.00	12.03	11.70	1.32	13.50	15.09	20.99	3.13
10	MSW00E10-__P/S - SR	48.00	15.01	11.70	1.32	16.70	18.26	24.19	3.13
12	MSW00E12-__P/S - SR	48.00	19.07	11.70	1.32	19.90	20.62	26.54	3.13
14	MSW00E14-__P/S - SR	48.00	22.25	11.70	1.32	23.40	23.00	28.89	3.13
16	MSW00E16-__P/S - SR	51.00	25.42	11.70	1.32	26.60	24.61	31.29	3.13
18	MSW00E18-__P/S - SR	51.00	28.60	11.70	1.32	29.50	26.97	33.69	3.13
20	MSW00E20-__P/S - SR	53.00	31.77	14.35	2.15	32.70	29.36	36.89	3.13
22	MSW00E22-__P/S - SR	53.00	34.95	14.35	2.15	36.00	31.75	39.99	3.13
24	MSW00E24-__P/S - SR	53.00	38.12	15.20	2.15	39.10	34.92	43.15	3.81

Note: all dimensions are in mm

IN-LINE RECEPTACLE, ENVIRONMENTAL, WITH "E" NUT

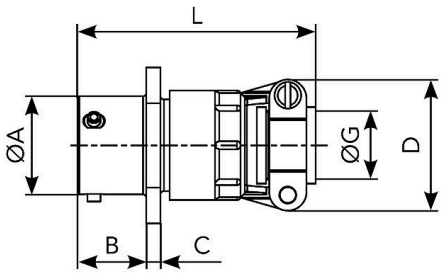


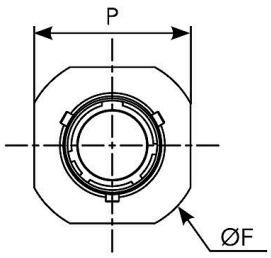




Shell size	Part Number	L max	A	B max	C max	D max	F max	P max
8	MSW01E8-__P/S	32.70	12.03	10.60	2.10	13.50	24.24	20.99
10	MSW01E10-__P/S	32.70	15.01	10.60	2.10	16.70	27.44	24.19
12	MSW01E12-__P/S	32.70	19.07	10.60	2.10	19.90	29.79	26.54
14	MSW01E14-__P/S	32.70	22.25	10.60	2.10	23.40	32.10	28.89
16	MSW01E16-__P/S	32.70	25.42	10.60	2.10	26.60	34.59	31.29
18	MSW01E18-__P/S	32.70	28.60	10.60	2.10	29.50	36.94	33.69
20	MSW01E20-__P/S	34.50	31.77	13.85	2.65	32.70	40.14	36.89
22	MSW01E22-__P/S	34.50	34.95	13.85	2.65	36.00	43.24	40.00
24	MSW01E24-__P/S	34.50	38.12	14.70	2.65	39.10	46.44	43.29

IN-LINE RECEPTACLE, ENVIRONMENTAL, WITH STRAIN RELIEF



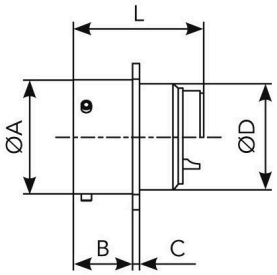


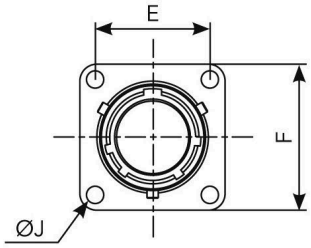


Shell size	Part Number	L max	A	B max	C max	D max	F max	G	P max
8	MSW01E8-__P/S - SR	48.00	12.03	10.60	2.10	19.90	24.24	3.50	20.99
10	MSW01E10-__P/S - SR	48.00	15.01	10.60	2.10	21.50	27.44	5.00	24.19
12	MSW01E12-__P/S - SR	48.00	19.07	10.60	2.10	25.00	29.79	8.20	26.54
14	MSW01E14-__P/S - SR	48.00	22.25	10.60	2.10	27.80	32.10	10.00	28.89
16	MSW01E16-__P/S - SR	51.00	25.42	10.60	2.10	29.40	34.59	13.00	31.29
18	MSW01E18-__P/S - SR	51.00	28.60	10.60	2.10	35.30	36.94	16.00	33.69
20	MSW01E20-__P/S - SR	53.00	31.77	13.85	2.65	35.30	40.14	16.00	36.89
22	MSW01E22-__P/S - SR	53.00	34.95	13.85	2.65	41.10	43.24	19.30	40.00
24	MSW01E24-__P/S - SR	53.00	38.12	14.70	2.65	42.40	46.44	20.60	43.29

Note: all dimensions are in mm

SQUARE FLANGE RECEPTACLE

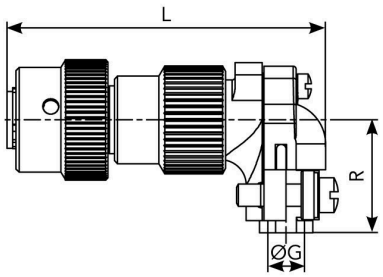


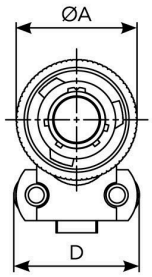




Shell size	Part Number	L max	A	B max	C max	D max	E	F max	J
8	MSW02E8-__P/S	25.18	12.03	11.70	1.32	10.84	15.09	20.99	3.13
10	MSW02E10-__P/S	25.10	15.01	11.70	1.32	13.99	18.26	24.19	3.13
12	MSW02E12-__P/S	25.10	19.07	11.70	1.32	17.37	20.62	26.54	3.13
14	MSW02E14-__P/S	25.10	22.25	11.70	1.32	20.57	23.00	28.89	3.13
16	MSW02E16-__P/S	25.10	25.42	11.70	1.32	23.72	24.61	31.29	3.13
18	MSW02E18-__P/S	25.10	28.60	11.70	1.32	26.69	26.97	33.69	3.13
20	MSW02E20-__P/S	26.67	31.77	14.35	2.15	29.89	29.36	36.89	3.13
22	MSW02E22-__P/S	26.67	34.95	14.35	2.15	33.04	31.75	39.99	3.13
24	MSW02E24-__P/S	26.67	38.12	15.20	2.15	36.24	34.92	43.15	3.81

PLUG, ENVIRONMENTAL, WITH RIGHT ANGLE STRAIN RELIEF



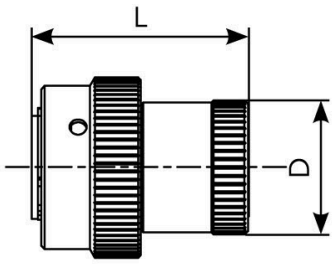


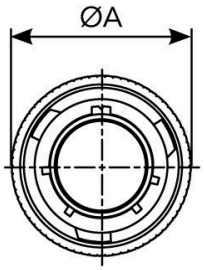


Shell size	Part Number	L max	A max	D max	G	R max
8	MSW08E8-__P/S - SR	50.10	19.05	19.70	3.50	16.00
10	MSW08E10-__P/S - SR	52.60	21.80	21.20	5.00	18.00
12	MSW08E12-__P/S - SR	54.90	26.15	24.20	8.20	19.50
14	MSW08E14-__P/S - SR	58.50	29.35	27.50	10.00	22.00
16	MSW08E16-__P/S - SR	60.80	32.50	29.10	13.00	23.50
18	MSW08E18-__P/S - SR	65.00	35.30	35.70	16.00	25.00
20	MSW08E20-__P/S - SR	69.10	38.85	35.70	16.00	26.50
22	MSW08E22-__P/S - SR	71.00	42.05	39.70	19.30	28.00
24	MSW08E24-__P/S - SR	75.50	45.10	43.50	20.60	31.00

Note: all dimensions are in mm

PLUG, ENVIRONMENTAL, WITH "E" NUT

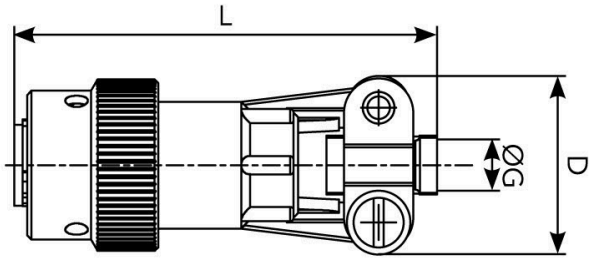


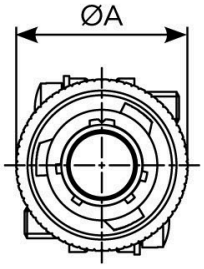




Shell size	Part Number	L max	A max	D max
8	MSW06E8-__P/S	32.54	19.05	13.50
10	MSW06E10-__P/S	32.54	21.80	16.70
12	MSW06E12-__P/S	32.54	26.15	19.90
14	MSW06E14-__P/S	32.54	29.35	23.40
16	MSW06E16-__P/S	32.54	32.50	26.60
18	MSW06E18-__P/S	32.54	35.30	29.60
20	MSW06E20-__P/S	33.30	38.85	32.70
22	MSW06E22-__P/S	33.30	42.05	36.00
24	MSW06E24-__P/S	33.30	45.10	39.10

PLUG, ENVIRONMENTAL, WITH STRAIN RELIEF



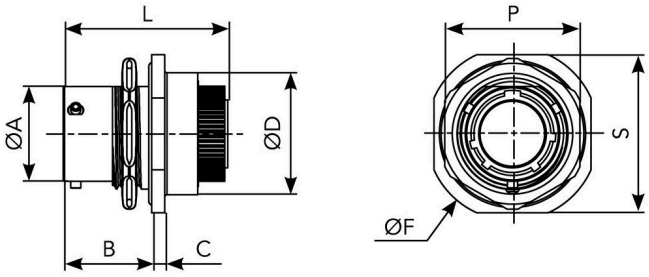




Shell size	Part Number	L max	A max	D max	G
8	MSW06E8-__P/S - SR	48.00	19.05	19.90	3.50
10	MSW06E10-__P/S - SR	48.00	21.80	21.50	5.00
12	MSW06E12-__P/S - SR	48.00	26.15	25.00	8.20
14	MSW06E14-__P/S - SR	48.00	29.35	27.80	10.00
16	MSW06E16-__P/S - SR	51.00	32.50	29.40	13.00
18	MSW06E18-__P/S - SR	51.00	35.30	35.30	16.00
20	MSW06E20-__P/S - SR	52.00	38.85	35.30	16.00
22	MSW06E22-__P/S - SR	52.00	42.05	41.10	19.30
24	MSW06E24-__P/S - SR	52.00	45.10	42.40	20.60

Note: all dimensions are in mm

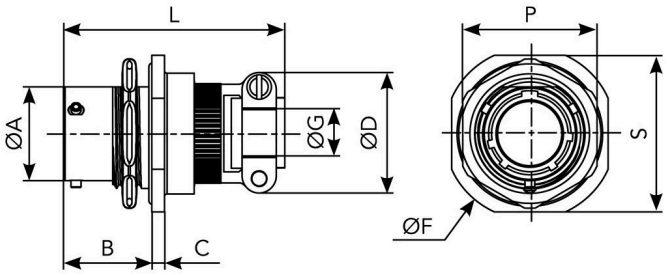
JAM NUT RECEPTACLE, ENVIRONMENTAL, WITH "E" NUT





Shell size	Part Number	L max	A	B max	C max	D max	F max	P max	S max
8	MSW07E8-___P/S	34.10	12.03	17.90	2.64	18.50	26.94	19.29	23.94
10	MSW07E10-___P/S	34.10	15.01	17.90	2.64	21.70	30.14	22.38	26.94
12	MSW07E12-___P/S	34.10	19.07	17.90	2.64	24.90	34.94	27.13	31.74
14	MSW07E14-___P/S	34.10	22.25	17.90	2.64	28.10	38.04	30.33	34.94
16	MSW07E16-___P/S	34.10	25.42	17.90	2.64	31.20	41.24	33.48	38.24
18	MSW07E18-___P/S	34.10	28.60	17.90	2.64	34.40	44.44	36.68	41.34
20	MSW07E20-___P/S	39.30	31.77	22.45	3.44	38.30	49.14	39.83	46.04
22	MSW07E22-___P/S	39.30	34.95	22.45	3.44	41.50	52.24	43.03	49.24
24	MSW07E24-___P/S	39.30	38.12	22.30	3.44	44.70	55.54	46.18	52.74

JAM NUT RECEPTACLE, ENVIRONMENTAL, WITH STRAIN RELIEF

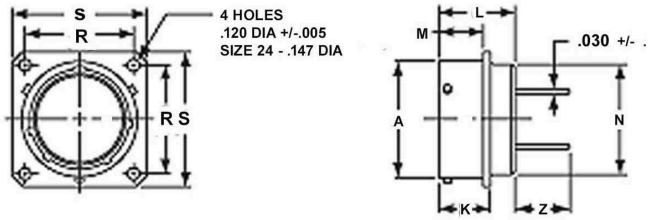




Shell size	Part Number	L max	A	B max	C max	D max	F max	G	P max	S max
8	MSW07E8-___P/S - SR	49.31	12.03	17.90	2.64	19.90	26.94	3.50	19.29	23.94
10	MSW07E10-___P/S - SR	49.31	15.01	17.90	2.64	21.50	30.14	5.00	22.38	26.94
12	MSW07E12-___P/S - SR	49.17	19.07	17.90	2.64	25.00	34.94	8.20	27.13	31.74
14	MSW07E14-___P/S - SR	49.17	22.25	17.90	2.64	27.80	38.04	10.00	30.33	34.94
16	MSW07E16-___P/S - SR	52.34	25.42	17.90	2.64	29.40	41.24	13.00	33.48	38.24
18	MSW07E18-___P/S - SR	53.22	28.60	17.90	2.64	35.30	44.44	16.00	36.68	41.34
20	MSW07E20-___P/S - SR	58.10	31.77	22.45	3.44	35.30	49.14	16.00	39.83	46.04
22	MSW07E22-___P/S - SR	58.10	34.95	22.45	3.44	41.10	52.24	19.30	43.03	49.24
24	MSW07E24-___P/S - SR	58.10	38.12	23.30	3.44	42.40	55.54	20.60	46.18	52.74

Note: all dimensions are in mm

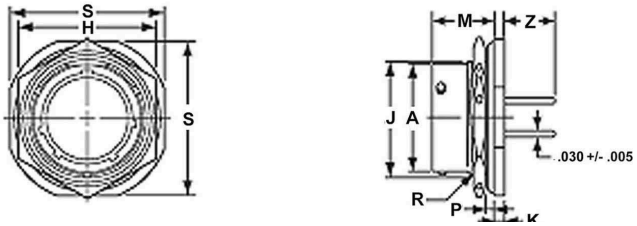
BOX MOUNT RECEPTACLE WITH PCB CONTACTS



Shell size	Part Number	R (TP)	S + .011 - .010	A + .001 - .005	K + .021 - .010	L max	M + .010 - .000	N dia. max	Z + .040 - .050
8	MSW02E8 - **P/S-50G9	.594	.812	.473	.493	.825	.431	.449	.380
10	MSW02E10 - **P/S-50G9	.719	.938	.590	.493	.825	.431	.573	.380
12	MSW02E12 - **P/S-50G9	.812	1.031	.750	.493	.825	.431	.699	.380
14	MSW02E14 - **P/S-50G9	.906	1.125	.875	.493	.825	.431	.823	.380
16	MSW02E16 - **P/S-50G9	.969	1.219	1.000	.493	.825	.431	.949	.380
18	MSW02E18 - **P/S-50G9	1.062	1.312	1.125	.493	.825	.431	1.073	.380
20	MSW02E20 - **P/S-50G9	1.156	1.438	1.250	.650	1.076	.556	1.199	.286
22	MSW02E22 - **P/S-50G9	1.250	1.562	1.375	.650	1.076	.556	1.323	.286
24	MSW02E24 - **P/S-50G9	1.375	1.688	1.500	.683	1.076	.589	1.449	.253

All dimensions are for reference only (inches) **Contact factory for additional options**

JAM NUT RECEPTACLE WITH PCB CONTACTS



Shell size	Part Number	H + .017 - .016	S + .010 - .010	A + .001 - .005	J Flat + .000 - .010	K + .011 - .010	M + .010 - .010	P Panel Thickness		R Thread Class 2A	Z + .025 - .035
								Min.	Max.		
8	MSW07A8 - **P/S-50G9	.750	.938	.473	.530	.125	.696	.062	.125	.5624-24 UNEF	.376
10	MSW07A10 - **P/S-50G9	.875	1.062	.590	.655	.125	.696	.062	.125	.6875-24 UNEF	.376
12	MSW07A12 - **P/S-50G9	1.062	1.250	.750	.818	.125	.696	.062	.125	.8750-24 UNEF	.376
14	MSW07A14 - **P/S-50G9	1.188	1.375	.875	.942	.125	.696	.062	.125	1.0000-20 UNEF	.376
16	MSW07A16 - **P/S-50G9	1.312	1.500	1.000	1.066	.125	.696	.062	.125	1.1250-18 UNEF	.376
18	MSW07A18 - **P/S-50G9	1.438	1.625	1.125	1.191	.125	.696	.062	.125	1.2500-18 UNEF	.376
20	MSW07A20 - **P/S-50G9	1.562	1.812	1.250	1.316	.156	.884	.062	.250	1.3750-18 UNEF	.367
22	MSW07A22 - **P/S-50G9	1.688	1.938	1.375	1.441	.156	.884	.062	.250	1.5000-18 UNEF	.367
24	MSW07A24 - **P/S-50G9	1.816	2.062	1.500	1.556	.156	.917	.062	.250	1.6250-18 UNEF	.334

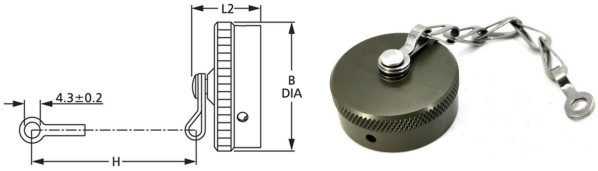
All dimensions are for reference only (inches) **Contact factory for additional options**

PROTECTIVE COVERS

With Standard Sash Chain

For Receptacles

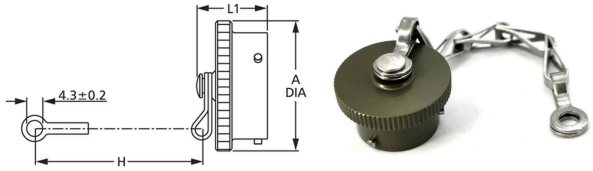
MW81 - ** CW / CN / CA



W = Cad OD N = Elec Nickel A = Black Anodize

For Plugs

MW80 - ** CW / CN / CA

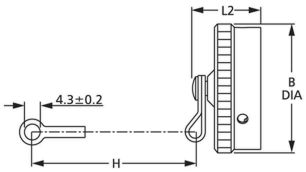


W = Cad OD N = Elec Nickel A = Black Anodize

With Standard SS Wire Rope, Teflon Jacket

For Receptacles

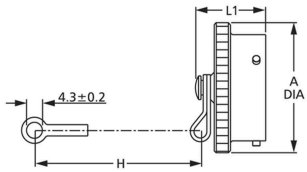
MW81 - ** RW / RN / RA



W = Cad OD N = Elec Nickel A = Black Anodize

For Plugs

MW80 - ** RW / RN / RA

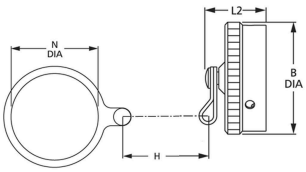


W = Cad OD N = Elec Nickel A = Black Anodize

With Standard Chain and Security Ring

For Receptacles

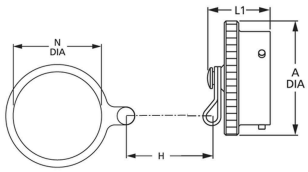
MW81 - ** CWN / CNN / CAN



W = Cad OD N = Elec Nickel A = Black Anodize

For Plugs

MW80 - ** CWN / CNN / CAN



W = Cad OD N = Elec Nickel A = Black Anodize

Shell size	Ø A max	L1 max	Ø B max	L2 max	H max	Ø N ±0.5
8	18.26	19.84	18.0	21.44	76	14.7
10	21.44	19.84	20.3	21.44	76	17.9
12	25.40	19.84	25.1	21.44	89	22.6
14	28.58	19.84	28.2	21.44	89	25.8
16	31.75	19.84	31.5	21.44	89	29.0
18	34.92	19.84	34.5	21.44	89	32.2
20	38.10	21.44	37.8	21.44	101	35.3
22	41.28	21.44	40.9	21.44	101	38.5
24	44.45	22.22	44.2	22.22	101	41.7

** = shell size | Note: all dimensions are in mm