

MIL-DTL-26482 Hermetic Series II Type

230-043 Bayonet coupling jam-nut receptacle with accessory thrds

PART NUMBER DEVELOPMENT						
Sample Part Number	230-043	Z1	12	-3	P	
Series / Basic Part No.	230-043 = Jam-Nut Mount Receptacle					
Material/Finish	Z1 = Stainless Steel/Passivated ZL = Stainless Steel/Nickel Plated					
Shell Size - Layout	Shell Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24 Layout per MIL-STD-1669; see Shell Size - Insert Layout table					
Contact Type	P = Pin, Solder Cup X = Pin, Eyelet S = Socket, Solder Cup Z = Socket, Eyelet					
Alt. Polarization	W, X, Y, Z, Omit for normal					

HERMETIC LEAK RATE MOD CODES	
Designator	Required Leak Rate
-585A	1 x 10 ⁻¹⁰ cc Helium per second
-585B	1 x 10 ⁻⁹ cc Helium per second
-585C	1 x 10 ⁻⁸ cc Helium per second

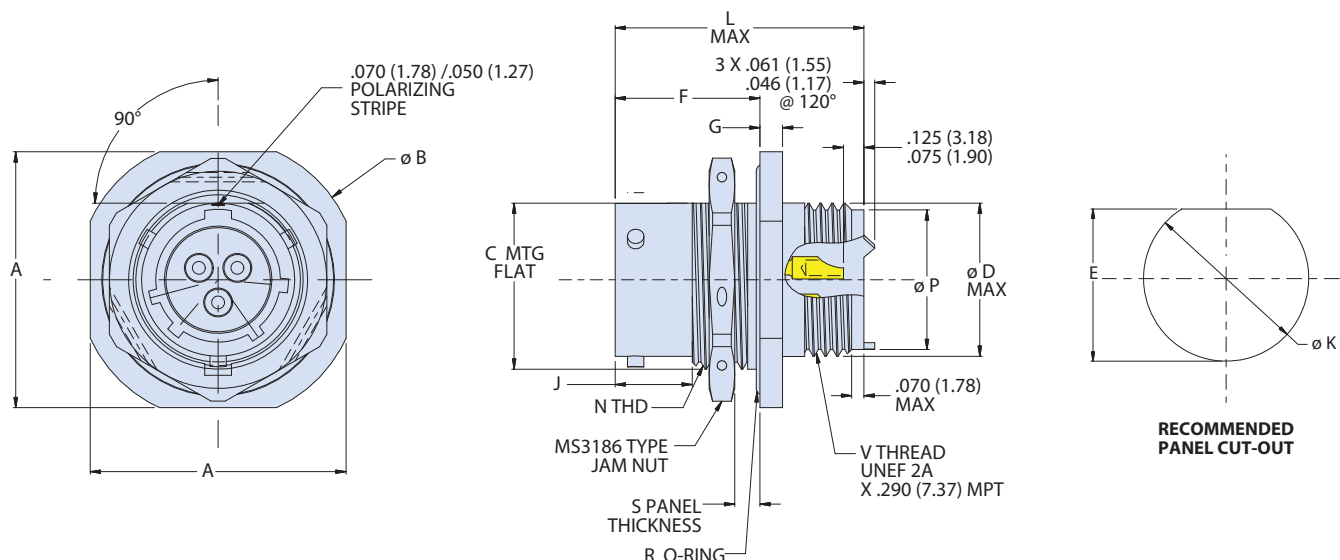
NOTES

- To be identified with manufacturer's name, part number and date code, space permitting.
- Material/Finish:
 - Shell: per part number development Titanium and Inconel® available. Consult factory.
 - Contacts hermetic: 52 Nickel alloy/gold plate.
 - Contacts socket: copper alloy, gold plated.
 - Bayonets: stainless steel/passivate.
 - Seals: silicone elastomer
 - Insulator hermetic: full glass. Insulator socket: high-grade rigid dielectric
- Performance
 - Hermeticity: <1 x 10⁻⁷ cc/sec @ 1 atm differential.
 - Dielectric withstanding voltage: Consult factory or MIL-STD-1669.
 - Insulation resistance: 5000 megohms min @500VDC.
- Consult factory and/or MIL-STD-1669 for arrangement and insert position options.
- Glenair 230-043 will mate with any QPL MIL-DTL-26482 Series II bayonet coupling plug of same size and insert polarization.

SHELL SIZE - INSERT LAYOUT											
Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity		
	20	16	12		20	16	12		20	16	12
8-2	2			14-9	5		4	18-11		11	
8-3	3			14-12	8	4		18-30	29	1	
8-4	4			14-15	14	1		18-32	32		
8-33	3			14-18	18			18-85	5		8
8-98	3			14-19	19			20-16		16	
10-6	6			14-22	1		4	20-24	24		
10-98	6			16-8		8		20-27	27		
12-3		3		16-14	8		6	20-39	37	2	
12-8	8			16-23	22	1		20-41	41		
12-10	10			16-26	26			20-90	3		12
14-4			4	16-99	21	2		22-12			12
14-5		5		18-8			8	22-19			19

REPLACEMENT O-RING SEAL	
Shell Size	O-Ring Seal MS29513-
8	16
10	18
12	21
14	23
16	25
18	27
20	29
22	30
24	31

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DIMENSIONS															
Shell Size	A Length +.000 -0.031	B ø +.000 -0.031 Across Flange Corner	C +.000 -0.010 Mtg. Flat	D ø Max	E Panel Flat Loc. ±.005	F Mounting Flange Loc.	G Flange Thickness	J To Thread Chamfer ±.010	K +.010 -0.005 Panel Mntg Hole	L Overall Length	N UNEF-2A Mntg Thread	P ø Max	S Panel Thickness		V UNEF-2A
													Min	Max	
8	0.954 (24.23)	1.078 (27.38)	0.530 (13.46)	0.499 (12.67)	0.536 (13.61)	.707 (17.96) .691 (17.55)	.113 (2.87) .097 (2.46)	0.368 (9.35)	0.572 (14.53)	1.215 (30.86)	.5625-24	0.437 (11.10)	0.062 (1.57)	0.187 (4.75)	.500-20
10	1.078 (27.38)	1.203 (30.56)	0.655 (16.64)	0.625 (15.88)	0.661 (16.79)	.707 (17.96) .691 (17.55)	.113 (2.87) .097 (2.46)	0.368 (9.35)	0.697 (17.70)	1.215 (30.86)	.6875-24	0.572 (14.53)	0.062 (1.57)	0.187 (4.75)	.625-24
12	1.266 (32.16)	1.391 (35.33)	0.818 (20.78)	0.750 (19.05)	0.824 (20.93)	.707 (17.96) .691 (17.55)	.113 (2.87) .097 (2.46)	0.368 (9.35)	0.885 (22.48)	1.215 (30.86)	.875-20	0.687 (17.45)	0.062 (1.57)	0.187 (4.75)	.750-20
14	1.391 (35.33)	1.516 (38.51)	0.942 (23.93)	0.875 (22.23)	0.948 (24.08)	.707 (17.96) .691 (17.55)	.113 (2.87) .097 (2.46)	0.368 (9.35)	1.010 (25.65)	1.215 (30.86)	1.000-20	0.812 (20.62)	0.062 (1.57)	0.187 (4.75)	.875-20
16	1.516 (38.51)	1.641 (41.68)	1.062 (26.97)	1.000 (25.40)	1.072 (27.23)	.707 (17.96) .691 (17.55)	.113 (2.87) .097 (2.46)	0.368 (9.35)	1.135 (28.83)	1.215 (30.86)	1.125-18	0.937 (23.80)	0.062 (1.57)	0.187 (4.75)	1.000-20
18	1.641 (41.68)	1.766 (44.86)	1.191 (30.25)	1.066 (27.08)	1.197 (30.40)	.707 (17.96) .691 (17.55)	.113 (2.87) .097 (2.46)	0.368 (9.35)	1.260 (32.00)	1.215 (30.86)	1.250-18	0.992 (25.20)	0.062 (1.57)	0.187 (4.75)	1.0625-18
20	1.828 (46.43)	1.954 (49.63)	1.316 (33.43)	1.187 (30.15)	1.322 (33.58)	.772 (19.61) .754 (19.15)	.148 (3.76) .128 (3.25)	0.368 (9.35)	1.385 (35.18)	1.315 (33.40)	1.375-18	1.117 (28.37)	0.062 (1.57)	0.250 (6.35)	1.1875-18
22	1.954 (49.63)	2.078 (52.78)	1.441 (36.60)	1.312 (33.32)	1.447 (36.75)	.772 (19.61) .754 (19.15)	.148 (3.76) .128 (3.25)	0.368 (9.35)	1.510 (38.35)	1.315 (33.40)	1.500-18	1.242 (31.55)	0.062 (1.57)	0.250 (6.35)	1.3125-18
24	2.078 (52.78)	2.203 (55.96)	1.566 (39.78)	1.437 (36.50)	1.572 (39.93)	.803 (20.40) .785 (19.94)	.148 (3.76) .128 (3.25)	0.395 (10.03)	1.635 (41.53)	1.346 (34.19)	1.625-18	1.367 (34.72)	0.062 (1.57)	0.250 (6.35)	1.4375-18