

GLENAIR SERIES 260

MIL-DTL-26482 Hermetic Series II Type

230-019 Bayonet Coupling Receptacle Single Hole Jam-Nut Mount MS3449 Type



REPLACES
230-034

HOW TO ORDER						
Sample Part Number	230-019	FT	10	-6	P	X
Series / Basic Part No.	230-019 = Jam-Nut Mount Receptacle					
Material/Finish	Z1 = Stainless Steel/Passivated ZL = Stainless Steel/Nickel Plated FT = C1215 StainlessSteel/Tin Plated (See Note 2)					
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: 52 Nickel alloy/gold plate.
 - Sockets: copper alloy, gold plated.
 - Bayonets: stainless steel/passivate.
 - Seals: silicone elastomer
 - Insulation: glass
 - Socket: rigid dielectric
- Consult factory and/or MIL-STD-1669 for arrangement and insert position options.
- Glenair 230-018 will mate with any QPL MIL-DTL-26482 Series II bayonet coupling plug of same size and insert polarization.
- 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.

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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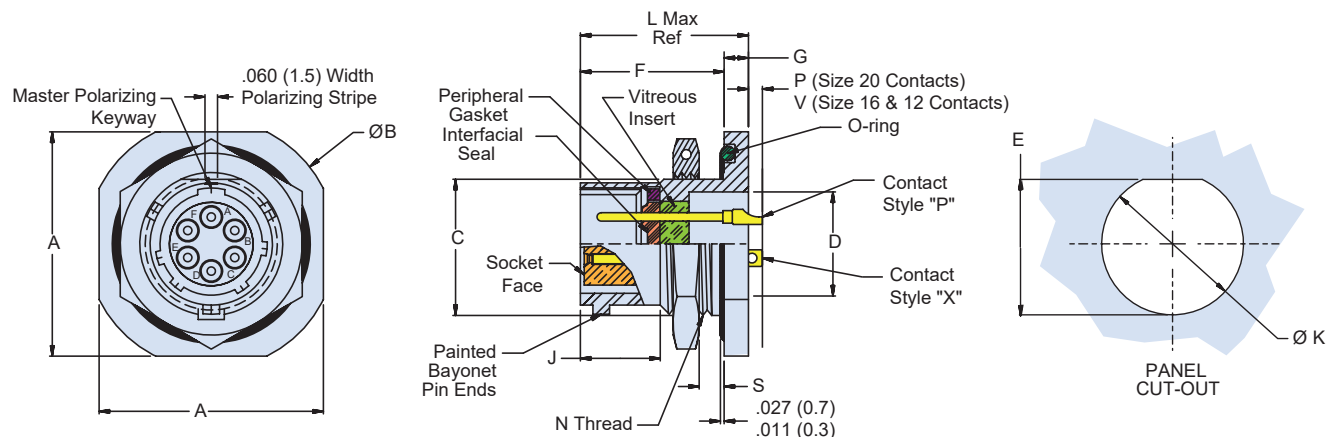


TABLE I: CONNECTOR AND CUT-OUT DIMENSIONS (CONTINUED BELOW)

Shell Size	A Length + .000 (+0) - .031 (-0.8)	B Dia + .000 (+0) - .031 (-0.8) Across Flange Corner	C + .000 (+0) - .010 (-0.3) Mntg Flat	D Dia Min	E Panel Flat Loc.	F Mntg Flange Loc.	G Mntg Flange Thkns	J To Thrd Chamfer ± .010 (0.3)	K + .010 (+0.3) - .005 (-0.1) Panel Mntg Hole	L Overall Length	N UNEF-2A Mounting Thread	P	S Panel Thickness		V	Max. Wgt. (Lbs)
													Min	Max		
8	.954 (24.2)	1.078 (27.4)	.530 (13.5)	.403 (10.2)	.536 (13.6)	.707/.691 (18.0/17.6)	.113/.097 (2.9/2.5)	.368 (9.3)	.572 (14.5)	.820 (20.8)	.5625-24	.134/.074 (3.4/1.9)	.062 (1.6)	.187 (4.7)	.204/.144 (5.2/3.7)	.0430
10	1.078 (27.4)	1.203 (30.6)	.655 (16.6)	.515 (13.1)	.661 (16.8)	.707/.691 (18.0/17.6)	.113/.097 (2.9/2.5)	.368 (9.3)	.697 (17.7)	.820 (20.8)	.6875-24	.134/.074 (3.4/1.9)	.062 (1.6)	.187 (4.7)	.204/.144 (5.2/3.7)	.0610
12	1.266 (32.2)	1.391 (35.3)	.818 (20.8)	.630 (16.0)	.824 (20.9)	.707/.691 (18.0/17.6)	.113/.097 (2.9/2.5)	.368 (9.3)	.885 (22.5)	.820 (20.8)	.875-20	.134/.074 (3.4/1.9)	.062 (1.6)	.187 (4.7)	.204/.144 (5.2/3.7)	.0880
14	1.391 (35.3)	1.516 (38.5)	.942 (23.9)	.755 (19.2)	.948 (24.1)	.707/.691 (18.0/17.6)	.113/.097 (2.9/2.5)	.368 (9.3)	1.010 (25.7)	.820 (20.8)	1.000-20	.134/.074 (3.4/1.9)	.062 (1.6)	.187 (4.7)	.204/.144 (5.2/3.7)	.1100
16	1.516 (38.5)	1.641 (41.7)	1.062 (27.0)	.880 (22.4)	1.072 (27.2)	.707/.691 (18.0/17.6)	.113/.097 (2.9/2.5)	.368 (9.3)	1.135 (28.8)	.820 (20.8)	1.125-18	.134/.074 (3.4/1.9)	.062 (1.6)	.187 (4.7)	.204/.144 (5.2/3.7)	.1310
18	1.641 (41.7)	1.766 (44.9)	1.191 (30.3)	.980 (24.9)	1.197 (30.4)	.707/.691 (18.0/17.6)	.113/.097 (2.9/2.5)	.368 (9.3)	1.260 (32.0)	.820 (20.8)	1.250-18	.134/.074 (3.4/1.9)	.062 (1.6)	.187 (4.7)	.204/.144 (5.2/3.7)	.1720
20	1.828 (46.4)	1.954 (49.6)	1.316 (33.4)	1.105 (28.1)	1.322 (33.6)	.772/.754 (19.6/19.2)	.148/.128 (3.8/3.3)	.368 (9.3)	1.385 (35.2)	.920 (23.4)	1.375-18	.099/.039 (2.5/1.0)	.062 (1.6)	.250 (6.4)	.169/.109 (4.3/2.8)	.2110
22	1.954 (49.6)	2.078 (52.8)	1.441 (36.6)	1.230 (31.2)	1.447 (36.8)	.772/.754 (19.6/19.2)	.148/.128 (3.8/3.3)	.368 (9.3)	1.510 (38.4)	.920 (23.4)	1.500-18	.099/.039 (2.5/1.0)	.062 (1.6)	.250 (6.4)	.169/.109 (4.3/2.8)	.2420
24	2.078 (52.8)	2.203 (56.0)	1.566 (39.8)	1.385 (35.2)	1.572 (39.9)	.803/.785 (20.4/19.9)	.148/.128 (3.8/3.3)	.395 (10.0)	1.635 (41.5)	.951 (24.2)	1.625-18	.069/.009 (1.75/0.23)	.062 (1.6)	.250 (6.4)	.139/.079 (3.5/2.0)	.2930