MIL-DTL-26482 Hermetic Series II Type

230-018 Bayonet Coupling Solder Flange Mount Receptacle MS3443 Type

HOW TO ORDER						
Sample Part Number	**230-018**	**FT**	**10**	**-6**	**P**	**X**

Series / Basic Part No.	**230-018** = Solder Flange 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 **S** = Socket, Solder Cup **X** = Pin, Eyelet **Z** = Socket, Eyelet
Alt. Polarization	**W, X, Y, Z, Omit** for normal

Shell Size

Insert Arrangement

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

1. To be identified with manufacturer's name, part number and date code, space permitting.
2. 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
3. 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.
4. Consult factory and/or MIL-STD-1669 for arrangement and insert position options.
5. Glenair 230-018 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			Shell Size - Layout	Size / Quantity		
	20	16	12		20	16	12		20	16	12		20	16	12
8-2	2			14-9	5		4	18-11		11		22-19			19
8-3	3			14-12	8	4		18-30	29	1		22-21		21	
8-4	4			14-15	14	1		18-32	32			22-32	32		
8-33	3			14-18	18			18-85	5		8	22-34	34		
8-98	3			14-19	19			20-16		16		22-41	27	14	
10-6	6			14-22	1		4	20-24	24			22-55	55		
10-98	6			16-8		8		20-27	27			22-95	26		6
12-3		3		16-14	8		6	20-39	37	2		24-19			19
12-8	8			16-23	22	1		20-41	41			24-27	11		16
12-10	10			16-26	26			20-90	3		12	24-31		31	
14-4			4	16-99	21	2		22-12			12	24-61	61		
14-5		5		18-8			8	22-19			19				

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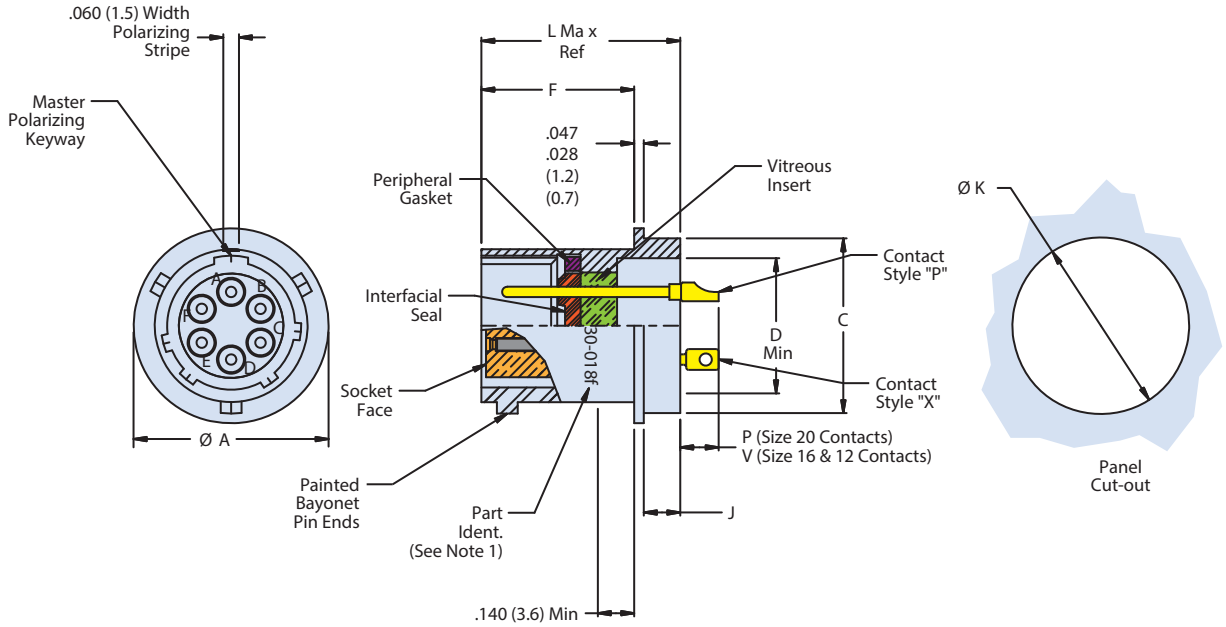

TABLE I: CONNECTOR AND CUT-OUT DIMENSIONS

Shell Size	A Dia ± .010 (0.3)	C Dia Mounting Locator	D Dia Min	F	J	K	L	P	V	Max Weight (Lbs.)
8	.625 (15.9)	.563/.557 (14.3/14.1)	.403 (10.2)	.598/.578 (15.2/14.7)	.156/.116 (4.0/2.9)	.570 (14.5)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.0310
10	.750 (19.1)	.673/.667 (17.1/16.9)	.515 (13.1)	.598/.578 (15.2/14.7)	.156/.116 (4.0/2.9)	.680 (17.3)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.0340
12	.844 (21.4)	.782/.776 (19.9/19.7)	.630 (16.0)	.598/.578 (15.2/14.7)	.156/.116 (4.0/2.9)	.789 (20.0)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.0400
14	.969 (24.6)	.907/.901 (23.0/22.9)	.755 (19.2)	.598/.578 (15.2/14.7)	.156/.116 (4.0/2.9)	.914 (23.2)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.0510
16	1.094 (27.8)	1.032/1.026 (26.2/26.1)	.880 (22.4)	.598/.578 (15.2/14.7)	.156/.116 (4.0/2.9)	1.039 (26.4)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.0620
18	1.218 (30.9)	1.157/1.151 (29.4/29.2)	.980 (24.9)	.598/.578 (15.2/14.7)	.156/.116 (4.0/2.9)	1.164 (29.6)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.0820
20	1.312 (33.3)	1.251/1.245 (31.8/31.6)	1.105 (28.1)	.660/.640 (16.8/16.3)	.156/.116 (4.0/2.9)	1.258 (32.0)	.863 (21.9)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.1000
22	1.438 (36.5)	1.376/1.371 (35.0/34.8)	1.230 (31.2)	.660/.640 (16.8/16.3)	.188/.148 (4.8/3.8)	1.383 (35.1)	.895 (22.7)	.146/.086 (3.7/2.2)	.216/.156 (5.5/4.0)	.1150
24	1.564 (39.7)	1.501/1.495 (38.1/38.0)	1.385 (35.2)	.660/.640 (16.8/16.3)	.188/.148 (4.8/3.8)	1.508 (38.3)	.895 (22.7)	.146/.086 (3.7/2.2)	.216/.156 (5.5/4.0)	.2680