

MIL-DTL-26482 Hermetic Series II Type

230-016 Bayonet coupling, narrow flange mount receptacle MS3440 Type



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

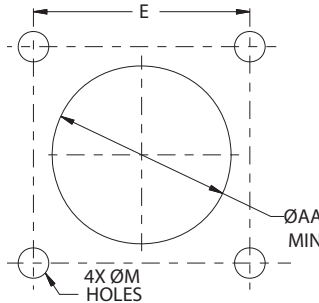
NOTES

- To be identified with manufacturer's name, part number and date code, space permitting.
- Material/Finish:
 - Shell: Z1 - 304L stainless steel/passivate.
 - FT - C1215 stainless steel/tin plated
 - Titanium and Inconel® available. Consult factory.
 - Contacts - 52 Nickel alloy/gold plate.
 - Sockets - Copper alloy, gold plated.
 - Bayonets - Stainless steel/passivate.
 - Seals - Silicone elastomer/N.A.
 - Insulation - Glass/N.A.; Socket: Rigid dielectric/N.A.
- Consult factory and/or MIL-STD-1669 for arrangement and insert position options.
- Glenair 230-016 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.

PART NUMBER DEVELOPMENT						
Sample Part Number	230-016	ME	16	-26	P	Y
Series / Basic Part No.	230-016 = Narrow, Flange Mount Receptacle					
Material/Finish	Z1 = Stainless Steel/ Passivated FT = C1215 Stainless Steel/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					

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

RECOMMENDED FRONT PANEL MOUNTING HOLES				
Shell Size	ØAA	ØM Holes	E	
8	.563 (14.30)	.110 (2.79)	.589 (14.96)	
	.573 (14.55)	.130 (3.30)	.599 (15.21)	
10	.680 (17.27)	.110 (2.79)	.714 (18.14)	
	.690 (17.53)	.130 (3.30)	.724 (18.39)	
12	.859 (21.82)	.110 (2.79)	.807 (20.50)	
	.869 (22.07)	.130 (3.30)	.817 (20.75)	
14	.984 (24.99)	.110 (2.79)	.901 (22.89)	
	.994 (25.25)	.130 (3.30)	.911 (23.14)	
16	1.108 (28.14)	.110 (2.79)	.964 (24.49)	
	1.118 (28.40)	.130 (3.30)	.974 (24.74)	
18	1.233 (31.32)	.110 (2.79)	1.057 (26.85)	
	1.243 (31.57)	.130 (3.30)	1.067 (27.10)	
20	1.358 (34.49)	.110 (2.79)	1.151 (29.24)	
	1.368 (34.75)	.130 (3.30)	1.161 (29.49)	
22	1.483 (37.67)	.110 (2.79)	1.245 (31.62)	
	1.493 (37.92)	.130 (3.30)	1.255 (31.88)	
24	1.610 (40.89)	.137 (3.48)	1.370 (34.80)	
	1.620 (41.15)	.157 (3.99)	1.380 (35.05)	



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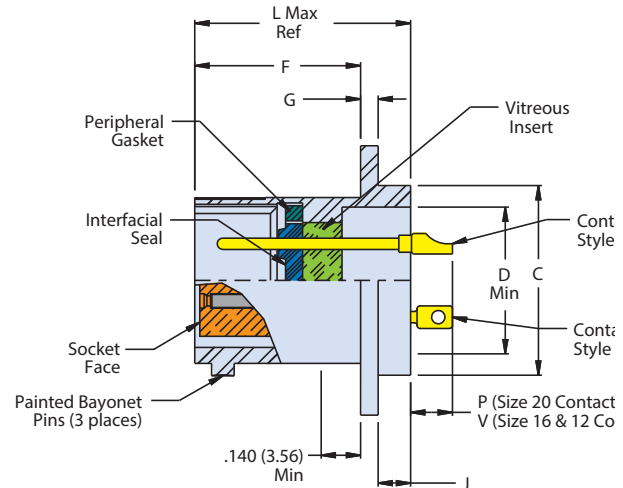
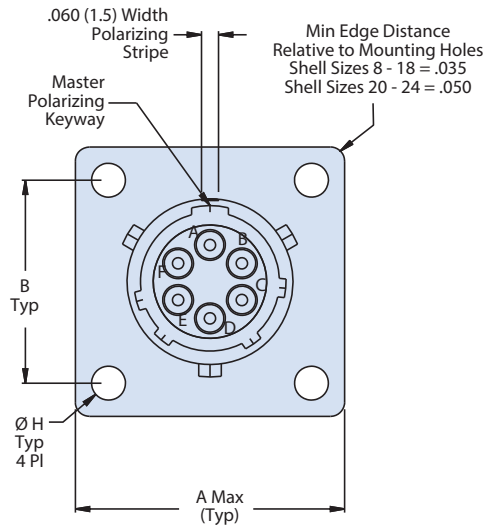


TABLE I: CONNECTOR AND CUT-OUT DIMENSIONS

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