230-016 Bayonet Coupling, Narrow Flange Mount Receptacle MS3440 Type

HOW TO ORDER

Sample Part Number		230-016	ME	16	-26	P	Y

				Shell Size	Insert Arrangement		
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						

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: 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.
3. Consult factory and/or MIL-STD-1669 for arrangement and insert position options.
4. Glenair 230-016 will mate with any QPL MIL-DTL-26482 Series II bayonet coupling plug of same size and insert polarization.
5. 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 20	16	12	Shell Size - Layout	Size / Quantity 20	16	12	Shell Size - Layout	Size / Quantity 20	16	12	Shell Size - Layout	Size / Quantity 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				

RECOMMENDED FRONT PANEL MOUNTING HOLES

Shell Size	ØAA	ØM Holes	E
8	.563 (14.30) .573 (14.55)	.110 (2.79) .130 (3.30)	.589 (14.96) .599 (15.21)
10	.680 (17.27) .690 (17.53)	.110 (2.79) .130 (3.30)	.714 (18.14) .724 (18.39)
12	.859 (21.82) .869 (22.07)	.110 (2.79) .130 (3.30)	.807 (20.50) .817 (20.75)
14	.984 (24.99) .994 (25.25)	.110 (2.79) .130 (3.30)	.901 (22.89) .911 (23.14)
16	1.108 (28.14) 1.118 (28.40)	.110 (2.79) .130 (3.30)	.964 (24.49) .974 (24.74)
18	1.233 (31.32) 1.243 (31.57)	.110 (2.79) .130 (3.30)	1.057 (26.85) 1.067 (27.10)
20	1.358 (34.49) 1.368 (34.75)	.110 (2.79) .130 (3.30)	1.151 (29.24) 1.161 (29.49)
22	1.483 (37.67) 1.493 (37.92)	.110 (2.79) .130 (3.30)	1.245 (31.62) 1.255 (31.88)
24	1.610 (40.89) 1.620 (41.15)	.137 (3.48) .157 (3.99)	1.370 (34.80) 1.380 (35.05)
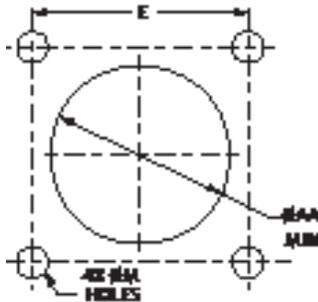
230-016 Bayonet Coupling, Narrow Flange Mount Receptacle
MS3440 Type
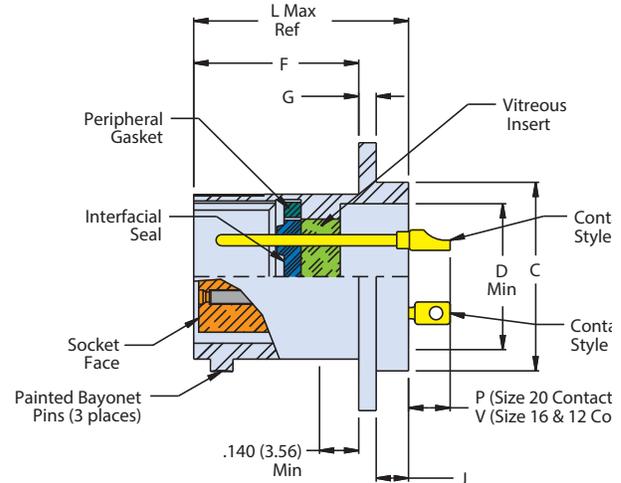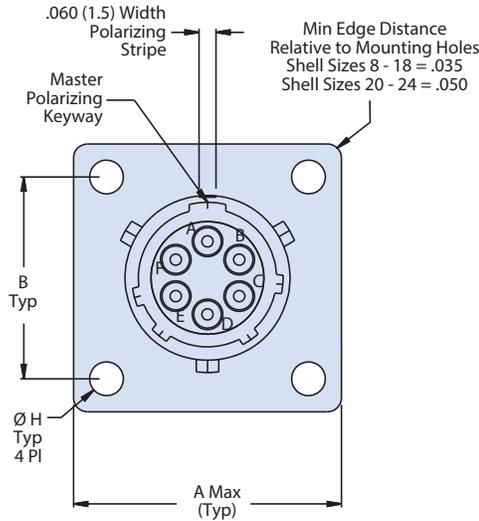
TABLE I: CONNECTOR AND CUT-OUT DIMENSIONS										
Shell Size	A Dia ± .010 (0.3)	C Dia Mounting Locator	D Dia Min	F	J	K	L	P	V	Max Weight (Lbs.)
8	.625 (15.9)	.563/.557 (14.3/14.1)	.403 (10.2)	.598/.578 (15.2/14.7)	.156/.116 (4.0/2.9)	.570 (14.5)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.0310
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