230-021
MIL-DTL-26482 Series II Type Hermetic
Bayonet Coupling Box Mount Receptacle with Crimp Removable Contacts • MS3477 Type

230 - 021 FT 10 - 6 D X

Series 230 MIL-DTL-26482 Type

Connector Style
021 = Hermetic Box Mount Receptacle with Solderless Contacts

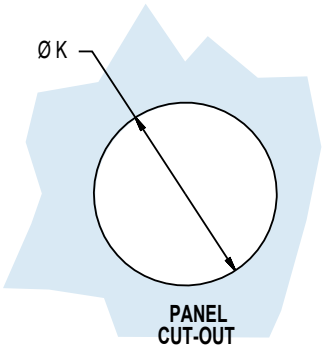
Material/Finish
Z1 = Stainless Steel/ Passivated
FT = C1215 Stainless Steel/Tin Plated
(See Note 2)

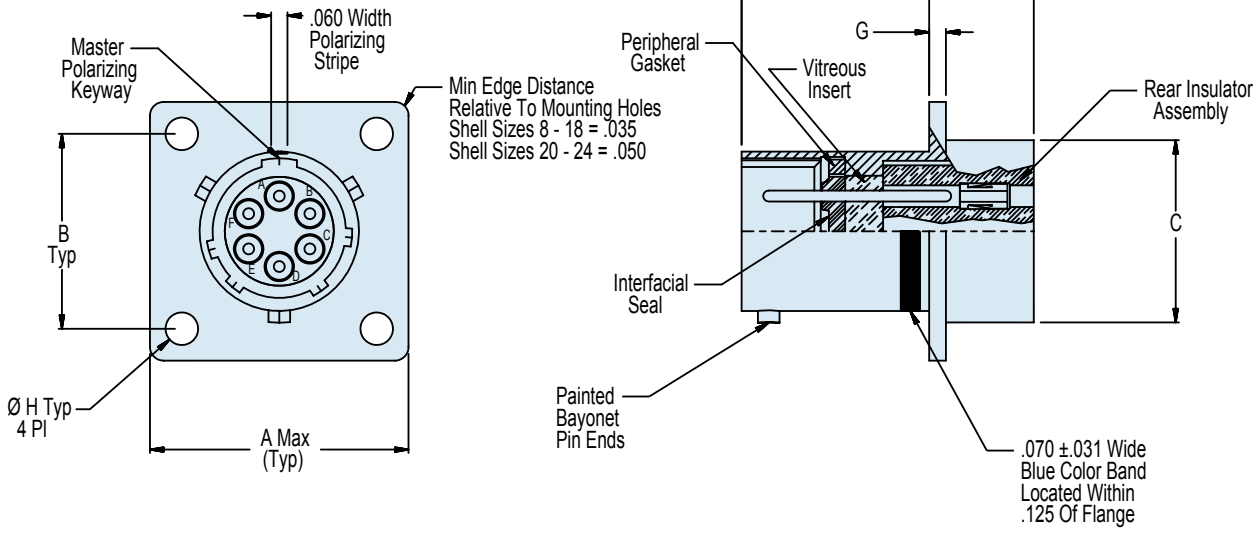
Shell Size

Insert Arrangement
Per MIL-STD-1669

Contact Type
D = Pin Face, Crimp Rear, Removable Sockets (See Note 6)

Alternate Insert Arrangement
W, X, Y or Z
(Omit for Normal)
(See Table II)





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HERMETIC LEAK RATE MOD CODES	
Designator	**Required Leak Rate**
–585A	1 x 10^{-10} cc's Helium per second
–585B	1 x 10^{-9} cc's Helium per second
–585C	1 x 10^{-8} cc's Helium per second

TABLE I: CONNECTOR AND CUT-OUT DIMENSIONS

Shell Size	A	B	C Dia Mounting Locator	F	G	H	K Dia Panel Cut-Out	L
8	.828 (21.0)	.594 (15.1)	.563/.557 (14.3/14.1)	.704/.680 (17.9/17.3)	.078/.046 (2.0/1.2)	.120 (3.0)	.570 (14.5)	1.078 (27.4)
10	.954 (24.2)	.719 (18.3)	.673/.667 (17.1/16.9)	.704/.680 (17.9/17.3)	.078/.046 (2.0/1.2)	.120 (3.0)	.680 (17.3)	1.078 (27.4)
12	1.047 (26.6)	.812 (20.6)	.782/.776 (20.0/19.7)	.704/.680 (17.9/17.3)	.078/.046 (2.0/1.2)	.120 (3.0)	.789 (20.0)	1.078 (27.4)
14	1.141 (29.0)	.906 (23.0)	.907/.901 (23.0/22.9)	.704/.680 (17.9/17.3)	.078/.046 (2.0/1.2)	.120 (3.0)	.914 (23.2)	1.078 (27.4)
16	1.234 (31.3)	.969 (24.6)	1.032/1.026 (26.2/26.1)	.704/.680 (17.9/17.3)	.078/.046 (2.0/1.2)	.120 (3.0)	1.039 (26.4)	1.078 (27.4)
18	1.328 (33.7)	1.062 (27.0)	1.157/1.151 (29.4/29.2)	.704/.680 (17.9/17.3)	.078/.046 (2.0/1.2)	.120 (3.0)	1.164 (29.6)	1.078 (27.4)
20	1.453 (36.9)	1.156 (29.4)	1.251/1.245 (31.8/31.6)	.756/.739 (18.9/18.8)	.110/.078 (2.8/2.0)	.120 (3.0)	1.258 (32.0)	1.140 (29.0)
22	1.578 (40.1)	1.250 (31.8)	1.376/1.371 (35.0/34.8)	.756/.739 (18.9/18.8)	.110/.078 (2.8/2.0)	.120 (3.0)	1.383 (35.1)	1.140 (29.0)
24	1.703 (43.3)	1.375 (34.9)	1.501/1.495 (38.1/38.0)	.756/.739 (18.9/18.8)	.110/.078 (2.8/2.0)	.147 (3.7)	1.508 (38.3)	1.140 (29.0)

APPLICATION 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.
   Bayonets - Stainless steel/passivate.
   Seals - Silicone elastomer/N.A.
   Insulation - Glass/N.A.
   Rear insulator - Rigid dielectric/N.A.
3. Glenair 230-021 will mate with any QPL MIL-DTL-26482 Series II bayonet coupling plug of same size and insert polarization.
4. 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.
5. See Table II for available insert arrangement option.
6. Connectors are supplied with applicable crimp socket contacts per MIL-C-39029/22-** and MS3160-** insert and removal tool.
7. Metric Dimensions (mm) are indicated in parentheses.

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