



230-015
MIL-DTL-26482 Series I Type Hermetic
Bayonet Coupling Jam Nut Receptacle
MS3114 Type

Connector Style
 015 = Hermetic Jam-Nut Mount Receptacle

Insert Arrangement
 Per MIL-STD-1669

Alternate Key Position
 W, X, Y or Z
 (Omit for Normal)

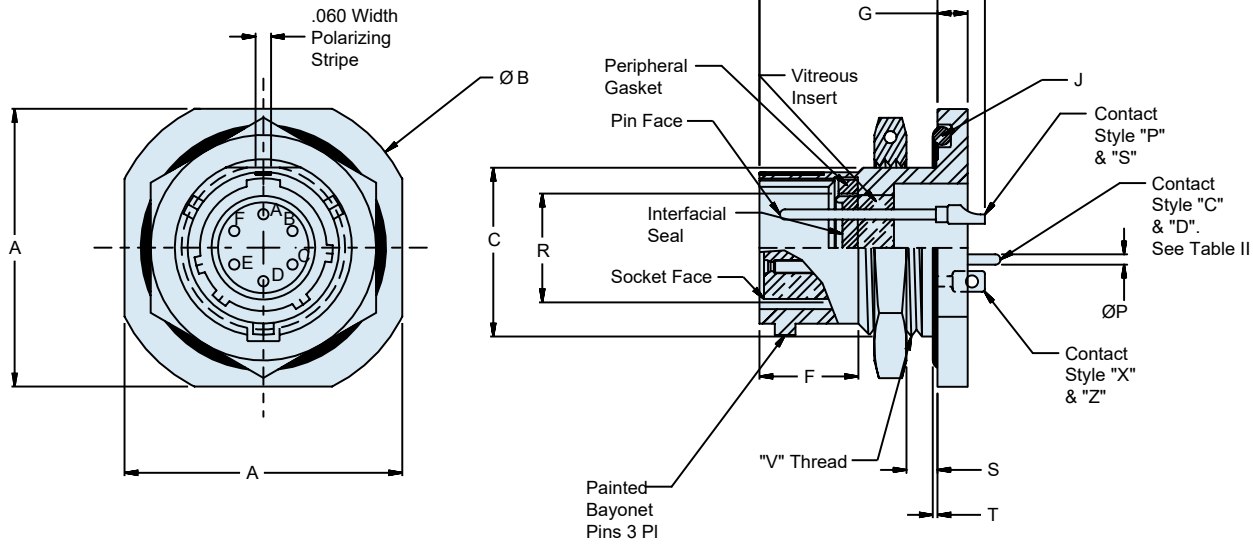
230 - 015 Z1 10 - 6 P X

Series 230
MIL-DTL-26482
Type

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

Shell Size

Contact Type
 P = Solder Cup, Pin Face S = Solder Cup, Socket Face
 X = Eyelet, Pin Face Z = Eyelet, Socket Face
 C = Pin, Feedthrough D = Socket, Feedthrough



APPLICATION NOTES

- To be identified with manufacturer's name, part number and date code, space permitting.
- Material/Finish:
 - Shell and Jam Nut: Z1 - 300 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.
- Contact current rating - #20-5 Amps, #16-10 Amps, #12-17 Amps, #8-46 Amps.
- Consult factory and/or MIL-STD-1669 for arrangement and insert position options.
- Glenair 230-015 will mate with any QPL MIL-DTL-26482 Series I bayonet coupling plug of same size and insert polarization.
- Performance:
 - Hermeticity - $< 1 \times 10^{-7}$ cc/sec @ 1 atmosphere differential.
 - Dielectric withstanding voltage - Consult factory or MIL-STD-1669.
 - Insulation resistance - 5000 megohms min @ 500VDC.
- Consult factory for feedthrough contact footprints.
- Metric Dimensions (mm) are indicated in parentheses.

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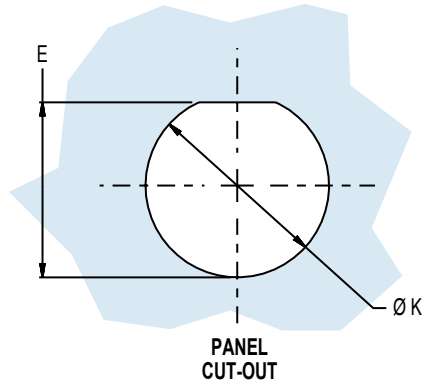
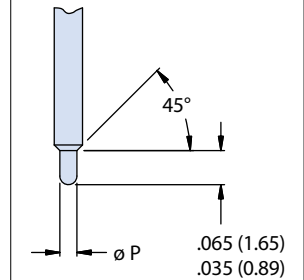


TABLE I: CONNECTOR AND CUT-OUT DIMENSIONS (Continued Below)

Shell Size	A Max	B Dia +.000 -.032 (0.8)	C Flat +.000 -.010 (0.3)	E +.010 -.005 (.13) Panel Flat Location	F Min	G ± .020 (0.5)	J O-Ring Seal MS29513-
8	.954 (24.2)	1.078 (27.4)	.530 (13.5)	.540 (13.72)	.384 (9.8)	.117 (3.0)	17
10	1.078 (27.4)	1.203 (30.6)	.665 (16.8)	.665 (16.76)	.384 (9.8)	.117 (3.0)	19
12	1.266 (32.2)	1.319 (33.5)	.818 (20.8)	.828 (21.03)	.384 (9.8)	.117 (3.0)	22
14	1.391 (35.3)	1.516 (38.5)	.942 (23.9)	.952 (24.18)	.384 (9.8)	.117 (3.0)	24
16	1.516 (38.5)	1.641 (41.7)	1.062 (27.0)	1.076 (27.33)	.384 (9.8)	.117 (3.0)	26
18	1.641 (41.7)	1.766 (44.9)	1.191 (30.3)	1.201 (30.51)	.384 (9.8)	.117 (3.0)	28
20	1.812 (46.0)	1.953 (49.6)	1.316 (33.4)	1.326 (33.68)	.446 (11.3)	.148 (3.8)	128
22	1.954 (49.6)	2.078 (52.8)	1.441 (36.6)	1.451 (36.86)	.446 (11.3)	.148 (3.8)	130
24	2.078 (52.8)	2.203 (56.0)	1.566 (39.8)	1.576 (40.03)	.479 (12.2)	.148 (3.8)	132

TABLE II



Contact Size	ØP
20	.024 .028
16	.0635 .0615
12	.095 .093

TABLE I (Continued): CONNECTOR AND CUT-OUT DIMENSIONS

Shell Size	K DIA +.010-.005(.13) Panel Mounting Hole	L Max	M +.031 (0.8) -.000	R Max	S Panel Thickness		T O-Ring .011 (0.3)	V Thread UNEF-2A
					Min	Max		
8	.572 (14.53)	.875 (22.2)	.691 (17.6)	.329	.062 (1.6)	.125 (3.2)	.023 (0.6)	.5625-24
10	.697 (17.70)	.875 (22.2)	.691 (17.6)	.477	.062 (1.6)	.125 (3.2)	.023 (0.6)	.685-24
12	.885 (22.48)	.875 (22.2)	.691 (17.6)	.564	.062 (1.6)	.125 (3.2)	.023 (0.6)	.875-20
14	1.010 (25.65)	.875 (22.2)	.691 (17.6)	.689	.062 (1.6)	.125 (3.2)	.023 (0.6)	1.000-20
16	1.135 (28.83)	.875 (22.2)	.691 (17.6)	.814	.062 (1.6)	.125 (3.2)	.023 (0.6)	1.125-18
18	1.260 (32.00)	.875 (22.2)	.691 (17.6)	.907	.062 (1.6)	.125 (3.2)	.023 (0.6)	1.250-18
20	1.385 (35.18)	1.094 (27.8)	.879 (22.3)	1.039	.062 (1.6)	.250 (6.4)	.028 (0.7)	1.375-18
22	1.510 (38.35)	1.094 (27.8)	.879 (22.3)	1.164	.062 (1.6)	.250 (6.4)	.028 (0.7)	1.500-18
24	1.635 (41.53)	1.125 (28.6)	.912 (23.2)	1.289	.062 (1.6)	.250 (6.4)	.028 (0.7)	1.625-18

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