# 230-014
## MIL-DTL-26482 Series I Type Hermetic
### Bayonet Coupling Solder Mount Receptacle
### MS3113 Type

| Series 230 MIL-DTL-26482 Type | Connector Style | Material/Finish | Shell Size | Insert Arrangement | Contact Type | Alternate Key Position |
|---|---|---|---|---|---|---|
| 230 - | 014 | Z1 | 10 - | 6 | P | X |

**Connector Style**
*014 = Hermetic Solder Mount Receptacle*

**Insert Arrangement**
*Per MIL-STD-1669*

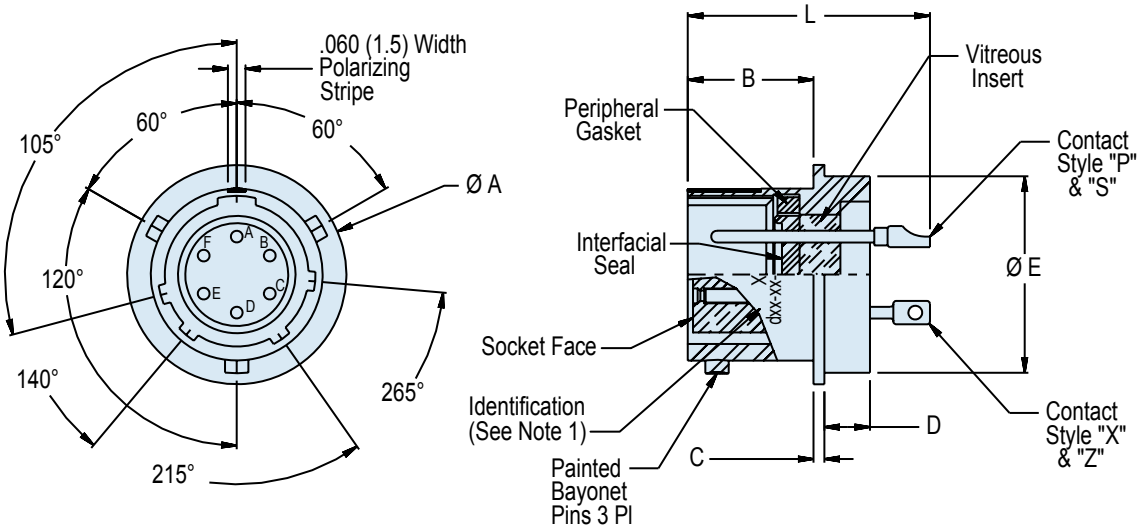
**Alternate Key Position**
*W, X, Y or Z*
*(Omit for Normal)*

**Series 230 MIL-DTL-26482 Type**

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

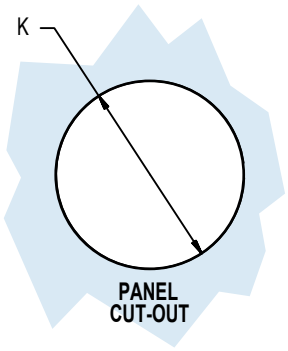
**Shell Size**

**Contact Type**
*P = Solder Cup, Pin Face*
*X = Eyelet, Pin Face*
*S = Socket, Solder Cup*
*Z = Socket, Eyelet*




## 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.
   Sockets - Copper alloy, gold plated.
   Bayonets - Stainless steel/passivate.
   Seals - Silicone elastomer/N.A.
   Insulation - Glass/N.A.; Socket: Rigid Dielectric/N.A.
3. Contact current rating - #20-5 Amps, #16-10 Amps, #12-17 Amps, #8-46 Amps.
4. Consult factory and/or MIL-STD-1669 for arrangement and insert position options.
5. Glenair 230-014 will mate with any QPL MIL-DTL-26482 Series I bayonet coupling plug of same size and insert polarization.
6. 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.
7. Metric Dimensions (mm) are indicated in parentheses.




| TABLE I: CONNECTOR AND CUT-OUT DIMENSIONS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Shell Size | A Dia ± .016 (0.4) | B Dim +.031 (0.8) -000 | C Dim +.016 (0.4) -.005 (0.1) | D Max Length of Mtg Diameter E Pin | Socket | E Dia +.001 (.0) -.005 (0.1) | L Max Length Overall Pin | Socket |
| 8 | .625 (15.9) | .411 (10.4) | .031 (0.79) | .156 (4.0) | .215 (5.5) | .562 (14.3) | .828 (21.0) | .888 (22.6) |
| 10 | .750 (19.1) | .411 (10.4) | .031 (0.79) | .156 (4.0) | .215 (5.5) | .672 (17.1) | .828 (21.0) | .888 (22.6) |
| 12 | .844 (21.4) | .411 (10.4) | .031 (0.79) | .156 (4.0) | .215 (5.5) | .781 (19.8) | .828 (21.0) | .888 (22.6) |
| 14 | .969 (23.7) | .411 (10.4) | .031 (0.79) | .156 (4.0) | .215 (5.5) | .906 (23.0) | .828 (21.0) | .888 (22.6) |
| 16 | 1.094 (27.8) | .411 (10.4) | .031 (0.79) | .156 (4.0) | .215 (5.5) | 1.031 (26.2) | .828 (21.0) | .888 (22.6) |
| 18 | 1.218 (30.9) | .411 (10.4) | .031 (0.79) | .156 (4.0) | .215 (5.5) | 1.156 (29.4) | .828 (21.0) | .960 (24.4) |
| 20 | 1.312 (33.3) | .473 (12.0) | .031 (0.79) | .156 (4.0) | .275 (7.0) | 1.250 (31.8) | .891 (22.6) | .995 (25.3) |
| 22 | 1.438 (36.5) | .473 (12.0) | .031 (0.79) | .188 (4.8) | .275 (7.0) | 1.375 (34.9) | .921 (23.4) | .995 (25.3) |
| 24 | 1.563 (39.7) | .506 (12.9) | .031 (0.79) | .188 (4.8) | .275 (7.0) | 1.500 (38.1) | .921 (23.4) | .995 (25.3) |

| 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 |

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