

Corrosion Resistant Stainless Steel Harsh Environment Hermetic Connectors for Power and Signal Applications

Product Applications

Glenair MIL-DTL-5015 type commercial hermetic connectors are general purpose, low-density circular connectors ideally suited for applications that require power and signal contacts in a glass sealed hermetic package. This series is available in a wide range of shell sizes and contact layouts that are compatible with all standard environmental MIL-DTL-5015 plug connectors.

Same-Day Inventory

Because Glenair makes all its hermetic connectors in-house, including the machining of shells, molding of interfacial seals and firing of hermetic components, we can offer you outstanding availability on stock products and fast turnaround on special orders. Glenair also makes and stocks all the standard connector accessory backshells typically specified with 5015 type connectors.

Layouts IAW MIL-STD-1651 in Shell Sizes 8 to 48

Solder Mount, Flange Mount, Jam Nut and Bulkhead Feed-Thru Styles Available

Solder Cup and Eyelet Contacts

Keyed Polarization

Space Grade Special Screening Available

<1x10⁻⁷ cc Helium per Second Leakage Rate

*Stainless Steel or Fused Tin over Steel Plate,
Plus Titanium and Inconel® Options.*



Materials

These MIL-DTL-5015 type hermetic connectors are made from passivated stainless steel or ferrous steel shells, with glass insulators fused to the connector shell, and contacts meeting a leak rate of 1×10^{-7} cc/Helium per second. The Glenair MIL-DTL-5015 type hermetic connector is equipped with fluorosilicone elastomer interfacial and peripheral seals which provide positive sealing with plug connectors.

Gold plated nickel-iron alloy 52 contacts are available in sizes 0, 4, 8, 10, 12 and 16, depending on the layout chosen. Solder cup and eyelet contact styles are standard.

Errata

Catalog contents—including part numbers, materials and dimensions—are accurate to the best of our ability when we go to print. Even so, customers are advised to consult the factory for the latest specifications, particularly to confirm critical dimensions such as connector lengths, threads, and so on. When errors or mistakes are brought to our attention, corrected content is posted immediately to www.glenair.com.