



MIL-DTL 5015 Type Hermetic Connectors



Glenair MIL-DTL-5015 type commercial hermetic connectors are ideally suited for applications that require power and signal contacts in a glass sealed hermetic package where exposure to caustic chemicals, moisture ingress, or maintaining vacuum pressure is a concern. 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. Glenair makes all its hermetic connectors in-house, including the machining of shells, molding of interfacial seals and firing of hermetic components. Because of this, 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.

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^{-6} cc/helium per second. All hermetic connectors are 100% tested prior to shipment. A helium leak test is performed to certify the hermetic seal. 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 arrangement chosen. Solder cup and eyelet contact styles are standard. Special contacts and arrangements are available upon request.

Product Features:

- 100% Tested Prior To Shipment
- Corrosion Resistant Stainless Steel
- Hermetic 1×10^{-6} cc/helium per second.
- IAW MIL-STD-1651 insert arrangements
- Plugs, Receptacles and Bulkhead Feed-Thrus
- Solder Mounts, Flange Mount and Jam-Nut Versions
- Keyed Polarization