SuperNine®

Hermetic Connectors

GLASS-SEALED Hermetic CONNECTORS

38999 Series III type hermetic connectors with MIL-STD-1560 insert arrangements

SuperNine hermetic-class MIL-DTL-38999 type Series III connectors go beyond the standard mil-spec offerings with additional features and options. These include dual O-ring jam-nut designs, dual-flange PC tail receptacles, bulkhead feed-thrus, high-speed shielded RF contacts and removable socket contacts. Hermetically sealed connectors are ideally suited for harsh vacuum environments which must remain free of air or gas impurities or the ingress of foreign chemical substances to prevent corrosive condensation, dielectric breakdown, or the loss of insulation resistance between conductors. Typical applications include medical, geophysical, military aerospace, and industrial applications.

Glenair is unique in the interconnect industry in offering both conventional glass-sealed hermetic connector solutions as well as lightweight and low contact resistance designs. Shell styles for both types include box mount, jam-nut mount, and weld mount. MIL-DTL-38999 equivalent finishes for Y (CRES, passivated) and N (CRES, electrodeposited nickel) are available, as well as additional finish options. Contact arrangements available per MIL-STD-1560. All standard and alternate polarizations are fully supported.

Features:

- **10^{-7} ccHe per sec at 1 atmosphere differential**
- **Highest performance and quality**
- **Available for every standard 1560 insert arrangement**
- **High-reliability performance**
- **Gender changers**
- **Sheided RF Feed-thrus**
- **Independent keyed polarization**
- **Box mount, weld mount and jam-nut mount bulkhead feedthroughs**