



SERIES 80

Mighty Mouse Connectors and Cables



Glass-to-Metal Seal and Lightweight CODE RED Hermetic Connectors

The world of hermetic connectors continues to grow as engineers face the demand for sealed, connectorized solutions pushing the envelope into ever harsher and increasingly challenging environments. To meet these requirements Glenair continues to innovate high performance solutions geared towards mission critical applications. Today, Glenair offers hermetic connectors in 2 distinct categories of Mighty Mouse micro miniature connectors: **Glass-to-Metal Seal** and **Code Red**. **Glass-to-Metal Seal** connectors have long been the gold standard in hermetic sealing. Offering a leak rate performance of 10^{-7} up to 10^{-11} wider range of materials, finishes, shell styles and contact support with a growing list of high-speed I/O protocols. Glenair **Code Red** is a lightweight hermetic sealing encapsulant providing a 20% to 45% weight savings over glass-to-metal seal connectors. This is accomplished by the use of lightweight aluminum shells and standard copper contacts. Additionally, the use of copper contacts instead of Inconel, Kovar or nickel-iron contacts provides a higher current carrying capacity. This innovative encapsulant maintains a leak-rate performance of 10^{-7} and an operating temperature of -65°C to $+200^{\circ}\text{C}$.

