



## SERIES 805

# Triple-Start Connectors

The Glenair Series 805 Connector Offers Outstanding EMI Protection and Vibration Resistance in a Miniaturized Package

The Series 805 connector was developed to provide several performance enhancements compared to other “Mighty Mouse” versions. A ratchet mechanism in the coupling nut prevents de-mating under severe vibration. EMI performance is improved with a serpentine ground spring on the plug barrel. This nickel-plated beryllium copper spring assures low shell-to-shell resistance. The Series 805, although larger than other Series 80 versions, still saves significant size and weight compared to MIL-DTL-38999 connectors with no compromise in performance. The fast mating, one revolution to full-mate triple-start stub ACME thread profile also contributes to rugged resistance to vibration, shock, and cross-mating in aerospace and other harsh application environments. Over 50 tooled insert arrangements are available with contact sizes ranging from size #23 to #8.



### **Outstanding EMI Shielding**

Nickel-plated beryllium copper ground spring and metal-to-metal bottoming for excellent EMI performance.

### **Wide Contact Support**

Crimp-contact signal, power, coax (RF), and high-speed twinax and quadax, sizes #23, #20, #20HD, #16, #12, and #8.

### **Environmentally Sealed**

Meets MIL-STD-810 Method 512 immersion.

### **Anti-Decoupling**

Ratcheting anti-decoupling mechanism prevents coupling nut backoff when subjected to high vibration.