



SERIES 23

# SuperNine®

Rugged metal and lightweight composite backshells and accessories for every application requirement

- Tens of thousands of popular part numbers in inventory ready for same-day shipment
- Fast turnaround on non-standard and made-to-order accessories, typically only two to three weeks
- RoHS compliant plating options



Space Grade Quick Clamp Backshells



Series 620 Strain Relief Clamps



Ultra Low-Profile EMI/RFI Backshells



StarShield "Zero Length" Individual Shield Termination Backshells



Self-Locking and Standard Protective Covers



High-Performance Banding Backshells

# SuperNine® Backshells and accessories

## MIL-DTL-38999 Series III Type

### High-performance connector accessories



### Conductively-plated composite accessories: Outstanding corrosion resistance, weight reduction, and durability

- High temperature, high strength engineering composite thermoplastics for maximum strength and durability
- Total immunity to galvanic corrosion
- Up to 70% weight reduction compared to standard metal connectors and accessories
- Hundreds of innovative, tooled designs
- All popular part numbers in stock and ready for immediate, same-day shipment
- Conductive platings including RoHS versions



Glenair composite interconnect components are manufactured from 30% glass fiber polyetherimide (PEI), an amorphous thermoplastic with outstanding heat and chemical resistance and high strength. At room temperature, the 30% glass-filled PEI exhibits strength far beyond that of most engineering thermoplastics, with a tensile strength yield of over 15,000 psi. The PEI material meets the most stringent outgassing and flammability requirements.

BACKSHELLS AND ACCESSORIES



**Composite Swing-Arm™ EMI/RFI Shield Socket**



**Composite Piggyback Accessory with Partially Recovered Boot**



**Composite Swing-Arm™ Strain Relief**



**Composite Shrink Boot/Banding Adapter**



**Composite Plug and Receptacle Protective Covers**

### 1000 HOUR GREY™ NI-PTFE NICKEL FLUOROCARBON POLYMER PLATING

The MIL-DTL-38999 Rev L detail specification lists Nickel Fluorocarbon Polymer as a qualified Cadmium free plating alternative. This highly conductive, RoHS compliant plating formula is now available on composite interconnect products from Glenair and offers the following benefits in harsh-environment applications:

- 2000+ hour salt spray
- Cadmium free
- Outstanding mating lubricity
- Hexavalent Chromium free
- 500+ mating cycles
- Non-Magnetic

