

OPTIMIZED
FOR USE WITH

MIL-STAR
HIGH-PERFORMANCE HOOKUP WIRE AND CABLE

 **SuperNine[®]**

The advanced-performance MIL-DTL-38999
Series IV breech-lock connector



From vertical launch fire-control, tracking, and multi-target missile systems to rugged industrial applications, Glenair “Better-than-QPL” SuperNine and DLA-qualified D38999 Series IV connectors are the ultimate solution for positive and reliable breech-locking performance.

- QPL manufacturer of MIL-DTL-38999 Series IV Class F, W, and G connectors
- “Better-than-QPL” SuperNine Series IV offers advanced performance and features beyond the mil-spec
- Optimized for SWAMP area applications
- Quick-disconnect 90° breech coupling mechanism
- Visual, audible, and tactile full-mate indicators
- Integrated EMI grounding fingers
- -65°C to 200°C operating temperature range



QPL QUALIFIED AND GLENAIR SIGNATURE SuperNine MIL-DTL-38999 Series IV



Breech-lock connectors with “Better-than-QPL” performance

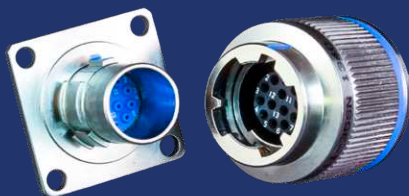
SUPERNINE SERIES IV “BETTER-THAN-QPL” FEATURES AND BENEFITS

- Secure breech-lock mating connector meets D38999 shock and vibe
- Integral banding porch eliminates need for back-end accessories
- Improved plug ground fingers deliver outstanding EMI performance—equal to D38999 Series III
- Glenair Signature Tin-Zinc finish class is RoHS compliant and cadmium compatible
- Precision-machined key/keyway polarization for reliable mismatching protection
- Scoop-proof design prevents pin damage and short circuits
- Fully tooled for all MIL-STD-1560 insert arrangements
- Contact options include size #22D, #20, #16, #12, and High-Speed Twinax, Quadrax, and Octaxial EI Ochito Size #8 plus hybrid arrangements
- 500 mating cycles exceeds MIL-DTL-38999 specification

38999 SERIES IV ACCESSORIES



QPL accessories including protective covers and dummy receptacles



Series IV solutions are available in environmental and hermetic class configurations in shell sizes from 11–25 supporting a popular range of MIL-STD-1560 insert arrangements



Glenair's complete Series IV solution includes support for power, signal, and hybrid insert arrangements including shielded coax, #22, #20, #16, and #12 contacts

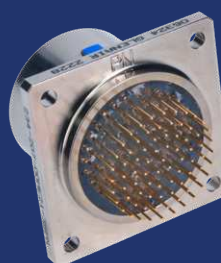
“BETTER-THAN-QPL” SUPERNINE SERIES IV CONNECTOR DESIGNS



Sav-Con® connector saver, black zinc-nickel finish



Dual-flange panel-mount feedthrough



Panel-mount receptacle with sealed PC-tails



Plug with wing-lock coupling and EMI ground fingers

SUPPORTED CRIMP-CONTACT SHELL STYLES



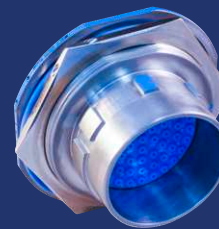
Plug



Wall-Mount Receptacle



Box-Mount Receptacle



Jam-Nut Receptacle



In-Line Receptacle