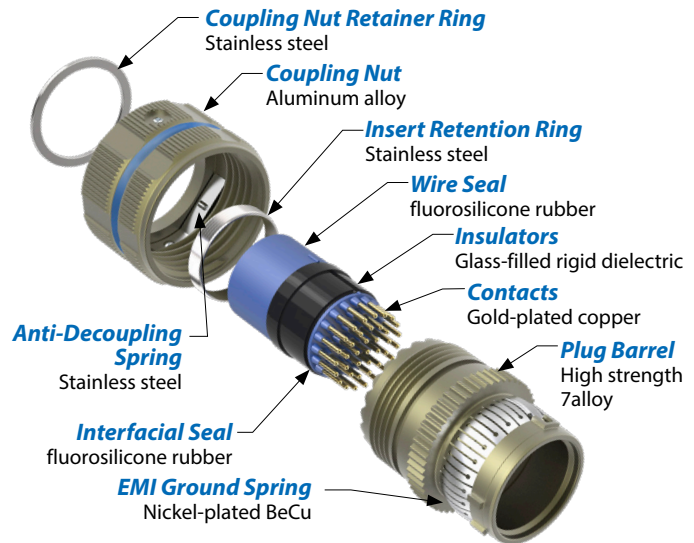




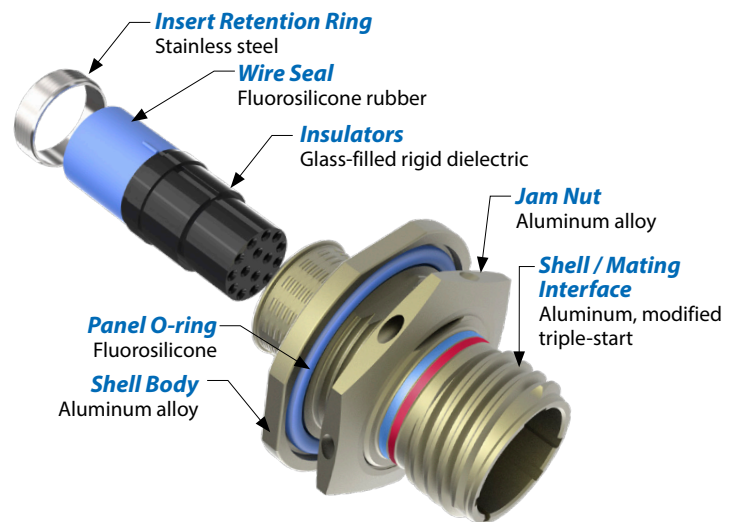
**KEY FEATURES**

- Next-generation high performance ultraminiature aerospace connector
- Reduced pitch triple-start modified anti-decoupling stub ACME thread
- Higher density 20HD and 22HD contact arrangements
- +200° C operating temperature
- High strength aluminum alloy plug barrel
- “Triple ripple” wire sealing grommet (75,000 ft. rated)
- Snap in, rear release crimp contacts
- Metal contact retention clips
- Integral Nano-Band shield termination platform
- EMI shielding effectiveness per MIL-DTL-38999M para. 4.5.28 (65 dB min. leakage attenuation @ 10GHz)
- 10,000 amp indirect lightning strike
- 300g. shock
- MIL-S-901 Grade A high impact shock
- Aluminum and stainless steel versions
- Environmental crimp contact, glass-to-metal seal PC tail and solder cup hermetics, and EMI filter versions
- RoHS compliant nickel, nickel-PTFE, black zinc and stainless steel plus mil-grade cadmium finish options
- Printed circuit board versions with threaded flange

**Plug Connector**



**Receptacle Connector**

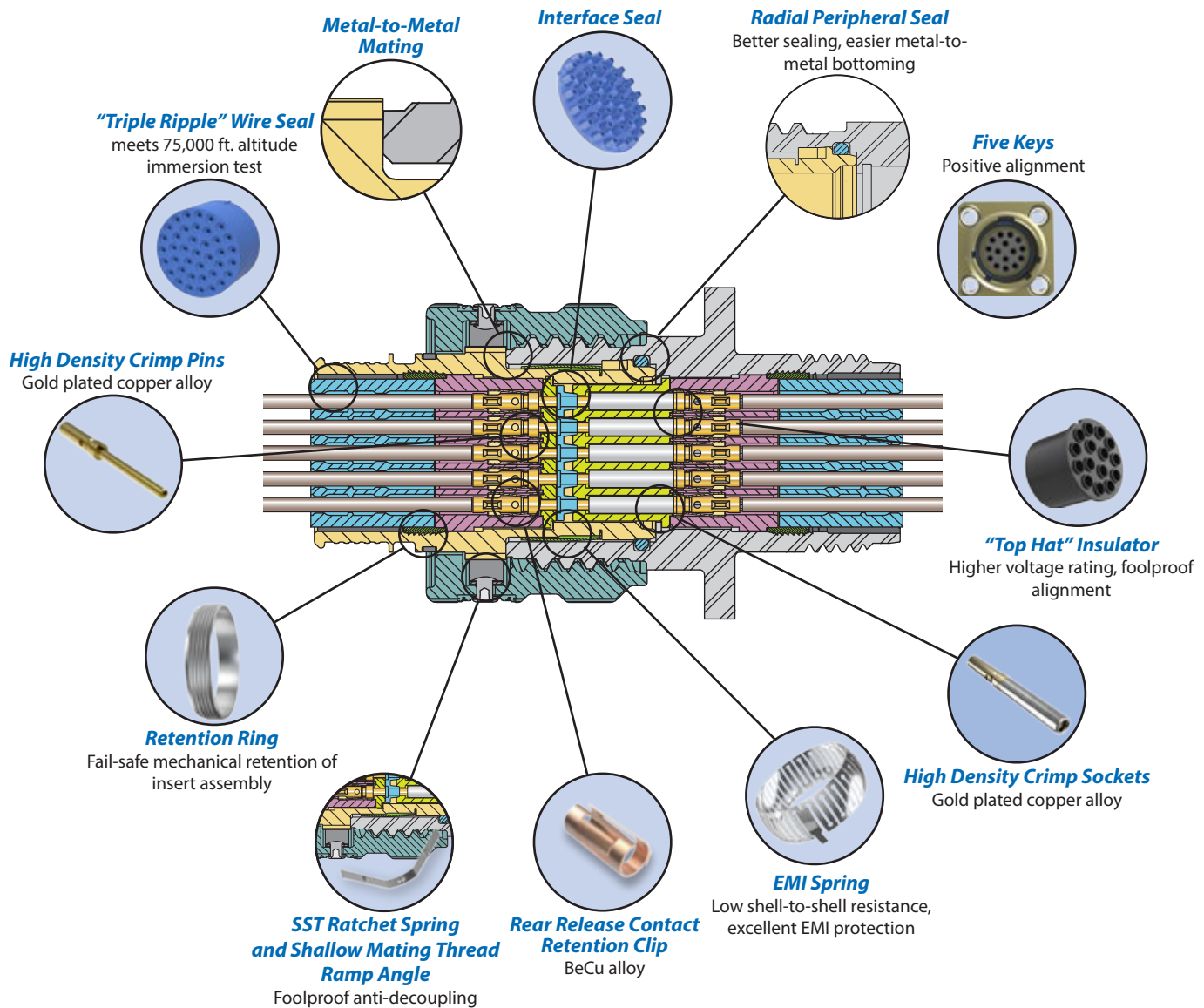


**AVAILABLE LIGHTWEIGHT ALUMINUM “CODE RED” HERMETICS**

CODE RED is a lightweight encapsulant sealing and application process with 50% package-weight savings compared to glass-to-metal seal Kovar/stainless steel solutions. Non-outgassing CODE RED (IAW NASA/ESA) provides durable hermetic sealing with better than  $1 \times 10^{-7}$  leak rate performance. Gold-plated copper contacts deliver outstanding low-resistance current carrying capacity. See 806-028 page 27.



**SERIES 806 MIGHTY MOUSE MIL-AERO FEATURES**



**Series 806 Mighty Mouse**, with its high-density size #20HD and #22HD contact arrangements, is designed for universal mil-aero use. The many special design features shown above allow this ultraminiature connector to meet and even exceed MIL-DTL-38999 performance even in high-altitude, unpressurized zones. Other Mighty Mouse Series connectors, such as the 801 and 805 with their size #23 contact layouts, are optimized for size and weight reduction in land, sea and pressurized-zone aircraft applications.