Series 806 Mil-Aero Connectors

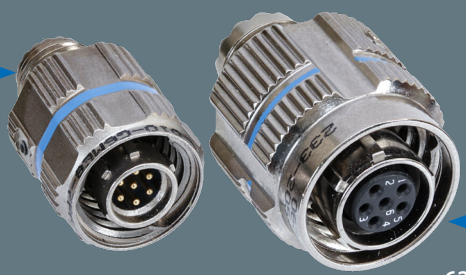
Advanced electrical, mechanical and environmental performance *plus reduced size and weight* compared to D38999

Series 806 offers significant size and weight savings while meeting key performance benchmarks for a broad range of applications such as commercial and military aerospace, industrial robotics, transportation systems and more. Designed for general use in harsh vibration, shock and environmental settings—as well as high-altitude, unpressurized aircraft zones with aggressive voltage ratings and altitude immersion standards—the Series 806 Mil-Aero features numerous mechanical design innovations including durable mechanical insert retention, radial seals and triple-ripple grommet seals. Its reduced thread pitch and re-engineered ratchet prevent decoupling problems, particularly in small shell sizes, solving one of the major problems of shell size 9 and 11 MIL-DTL-38999 Series III connectors.

- **Next-generation small form factor aerospace-grade circular connector**
- **Designed for general use in harsh application environments such as aircraft, industrial robotics and more**
- **Upgraded environmental, electrical and mechanical performance**
- **Integrated anti-decoupling technology**
- **Higher density 20HD and 22HD contact arrangements**
- **Glass hermetic, lightweight aluminum hermetic, high-temperature, fiber optic, and filtered versions**

SAVE SIZE AND WEIGHT WITH SERIES 806 VERSUS D38999

Series 806 Mil-Aero
Smallest Size
.500 In. Mating Threads
3 #20 Contacts
or 7 #22 contacts



MIL-DTL-38999
Smallest Size
.625 In. Mating Threads
3 #20 Contacts or 6 #22 contacts

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