SERIES 973 **PowerPlay[™] High-Power Connectors and Cables**





Series 806 PowerPlay high-density MIL-AERO Overview and insert arrangements

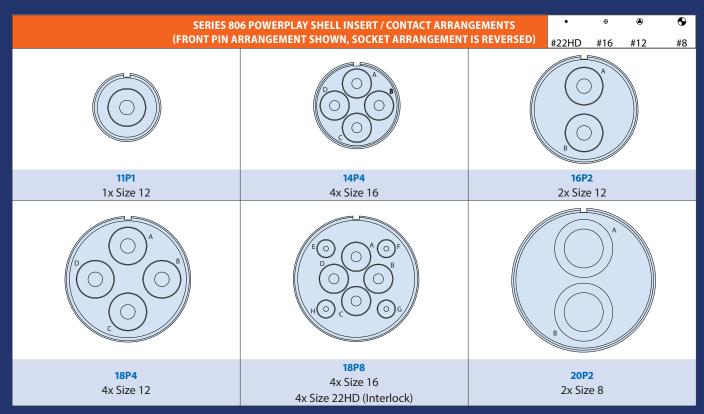
SAVE SIZE AND WEIGHT WITH SERIES 806 VERSUS D38999

Ceries 806 Mil-Aero is the Glenair micro miniature circular series offering significant Size and weight savings while meeting key performance benchmarks for a broad range of applications such as commercial and military aerospace, industrial robotics, and transportation systems. 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 Ill connectors. PowerPlay versions of the Series 806 leverage all of these performance and design advantages, combined with support for PowerPlay contacts, safe-touch inserts, and TurboFlex cable.

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

Next-generation small form factor aerospacegrade circular connector

- Designed for general use in harsh application environments such as aircraft, industrial robotics and more
- Upgraded environmental, electrical, and mechanical performance
- Integrated antidecoupling technology
- **Higher density 20HD** and 22HD contact arrangements
- **New PowerPlay designs** with hybrid insert arrangements for standard and high-power applications



MIL-DTL-38999

.625 In. Mating Threads

3 #20 Contacts or 6 #22 contacts

Smallest Size