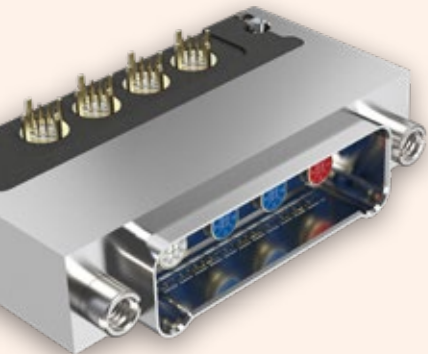*AEROSPACE-GRADE*

Series 792

The Multi-Port Rectangular Connector for High-Speed Wire-to-Board Applications

If you're looking for a rugged, versatile, multi-port, multi-gigabit connector, the Series 792 with shielded contact technology is an ideal solution. The 792 brings high-speed performance to the popular Micro-Crimp family of aerospace-grade ultraminiature rectangular connectors. Series 792 connectors provide from one to nine high-speed data ports in a single housing, saving size and weight compared to MIL-DTL-38999 or ARINC 600 connectors. Industry-standard AS39029-type contacts are compatible with AS6070 aerospace shielded data cables. Quadrax versions are intended for 100BASE-T or ARINC 664 Ethernet. El Ochito® Octaxial contact versions are designed for 1000BASE-T, 10G Ethernet, USB 3.0, HDMI and other protocols.

Cable connectors feature fluorosilicone rubber seals and grommets. Contacts snap into connector bodies and are removable. Combo layouts have size 8 high-speed contacts plus size 23 contacts for power and signal. Panel mount options include float mounts, O-rings, EMI springs, and guide pins. Shells are precision-machined aluminum available in three conductive finishes: electroless nickel (standard), nickel-PTFE, or black zinc-nickel. Board mount connectors have straight tails or 90° tails and are epoxy-sealed.

- **Designed for avionics and other high-datarate aerospace applications**
- **Supported protocols include 10Gb Ethernet, USB 3.0, HDMI, and DisplayPort and SATA**
- **Dual-lobe scoop-proof shells prevent mating damage**
- **Available with optional polarizing keys**
- **1–9 size #8 ports, plus size #23 contact combo layouts**
- **Rugged environmental design with robust EMC performance**
- **Ideal for blind-mate applications**