SERIES 80
Cordsets
for Standard Signal, High-Speed Ethernet, and USB Applications

High-reliability aerospace and defense systems have adopted commercial data protocols such as Ethernet and USB. However, commercial-grade connectors such as RJ45 modular plugs are not suitable for airframe or tactical deployments where shielding, environmental protection, and mechanical robustness are prime considerations. The Mighty Mouse connector, because of its compact size, ruggedness, and in-stock availability, is widely deployed for 100BASE-T, 1000BASE-T, and USB 2.0 applications on commercial air transport, military airframe, unmanned vehicles, and dismounted soldiers. This section of the Series 80 catalog provides ordering information and technical information on Mighty Mouse cordsets for standard signal, Ethernet, and USB applications. The cordsets in this section feature military-grade construction, overmolding, shielding, and jacketing.

Mighty Mouse for 100BASE-T
compared to RJ45 Plug in
MIL-DTL-38999 Connector

- **Compact Weight-Saving Design with size #23 Contacts**

- **USB 2.0, 100BASE-T, 1000BASE-T, IEEE 1394**

- **Environmentally Protected, Robust Construction**

- **Aerospace-Grade Cable Meets FAA FAR 25 Flammability**

- **Tactical-Grade Cable Meets Low-Toxicity Requirements**

- **Silver-Coated Copper Braid Shield With 95% Coverage over Aluminized Mylar Shield**

- **Threaded Coupling, Quick-Disconnect or Bayonet Mating**