



SERIES 801

Double-Start Anti-Decoupling



Glenair Series 801 Mighty Mouse Offers Mil-Spec Performance in a Lightweight, Ultraminiature Package

The 801 Series Mighty Mouse is ideal for use in high-density packaging applications where traditional military circular connectors are too large or too heavy. The double-start threads provide full mating in 1½ turns, and the plug features an anti-decoupling spring for vibration resistance. The unique integral molding/band platform allows direct shield attachment and cable overmolding. Receptacles are available with printed circuit board contacts. Plugs have anti-decoupling wave spring, or specify ratchet mechanism for added security.

- Double-Start ACME Thread with anti-decoupling spring or ratchet
- Crimp Rear Release Contacts
- Integral Band Platform
- Available with Size #12, #16, #20, #20HD and #23 Contacts
- Environmentally Sealed

Specifications	
Current Rating	#23–5 A, #20HD–7.5 A, #16–13 A, #12–23 A, #8–46A
Dielectric Withstanding Voltage	#23–750 VAC, #20HD–1000 VAC, w#16, #12, and #8 – 1800 VAC
Insulation Resistance	5000 megohms minimum
Operating Temperature	-65° C. to +175° C.
Shock	300 g.
Vibration	37 g.
Shielding Effectiveness	55 dB minimum from 100MHz to 1000MHz.
Durability	2000 mating cycles
See Series 80 General Information for complete performance specs.	

Materials and Finishes	
Shells, Jam-Nuts	Aluminum alloy or stainless steel
Contacts	Copper alloy, 50 µinch gold plated
Insulators	High-Grade Rigid Dielectric
Contact Retention Clip	Beryllium copper alloy
Interfacial Seal, O-rings, Wire Sealing Grommet	Fluorosilicone rubber
See Series 80 General Information for complete material and finish specs.	

SERIES 801 DOUBLE-START MATING