



# SERIES 800 Micro miniature Connectors

Glenair Series 800 Mighty Mouse Offers Environmental Sealing and Rugged Design in a Lightweight, Micro Miniature Package

Series 800 connectors are intended for light and medium duty applications where size, weight, and cost outweigh the need for heavier-duty shells and coupling. Terminate shielded cable directly to the integral band platform for excellent EMI protection. Originally used for aerospace sensors, these Series 800 connectors have proven to be a good solution for small form-factor tactical equipment including keyboards, radios, ruggedized RPDA's, and other dismounted soldier equipment. These connectors meet the requirements of MIL-STD-810 for immersion, vibration, sand and dust, shock, and corrosion resistance.

### Features:

- **UN Threaded Coupling Mechanism**
- **Crimp Rear-Release Contacts**
- **Integral Band Platform**
- **Available with Size #12, #16, #20, #20HD and #23 contacts**
- **Environmentally Sealed**

Materials and Finishes	
Shells, Jam-nuts	Aluminum alloy or stainless steel
Contacts	Copper alloy, 50 µmch gold plated
Insulators	High-Grade Rigid Dielectric
Contact Retention Clip	Beryllium copper alloy
Interfacial Seal, O-rings, Wire Sealing Grommet	Fluorosilicone rubber

Specifications	
Current Rating	#23-5 A, #20-7.5 A, #16-13 A, #12-23 A
Dielectric Withstanding Voltage	#23-750 VAC, #20HD- 1000 VAC, #12 and #16-1800 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

SERIES 800 UN THREAD MATING