



SERIES 803 Bayonet-Lock Connectors



Series 803 quarter-turn locking Mighty Mouse connectors for fast mating and demating of tactical equipment

Ideal for tactical handheld radios, sensors, test equipment, and autosport applications, the Series 803 Mighty Mouse adds fast mate and demate capabilities to this micro miniature connector series. Key features include small size, light weight, and fast assembly with crimp-and-poke contacts. Fluorosilicone seals resist most chemicals and provide splash-level environmental protection. Note, the Series 803 is not rated for full water immersion.

Bayonet Coupling Mechanism
Push-To-Mate, ¼ turn for locking.

From 1 to 55 Contacts
Available in crimp, solder cup or printed circuit board versions. Aluminum or stainless steel shell.

Power and Signal Contacts
43 tooled insert arrangements with size #23, #20HD, #16, or #12 contacts.

SERIES 803 BAYONET-LOCK

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	40 dB minimum from 100MHz to 1000MHz.
Durability	100 mating cycles (aluminum), 250 mating cycles (stainless steel)
See Series 80 General Information for complete performance specs.	

Materials and Finishes	
Shells, Jam-Nuts	Aluminum alloy or stainless steel
Contacts	Copper alloy, 50 µlnch 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.	