



SERIES 804 Push-Pull QDC Connectors

Environmental Sealing and Rugged Design in a Lightweight, Push-Pull Package

Ideal for breakaway connections, the Series 804 QDC connector features a gold-plated stainless steel spring in the receptacle and a detent on the plug body for reliable mating retention. Used for headsets, radios, weapons, and other tactical applications, the QDC Mighty Mouse 804 meets IP67 immersion requirements in the mated condition. The gold-plated spring provides low shell-to-shell resistance for excellent EMI shielding. A fluorosilicone O-ring provides a watertight seal in the mated condition.

- **Push-to-Mate, Pull-to-Unmate**
- **Gold-Plated Stainless Steel EMI Spring**
- **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
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 ⁽¹⁾	60 dB minimum from 100MHz to 1000MHz.
Durability	2000 mating cycles
1. Tested with electroless nickel plating 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
Seal, O-rings, Grommet	Fluorosilicone rubber
Spring	Gold plated stainless steel