



Mighty Mouse Connectors with Size #8 Quadrax, Twinax, Coax or Power Contacts

General Information

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Series 805 Plug
with Quadrax Contacts



Series 801 Plug
with #8 Power Contacts

MIGHTY MOUSE

- Size #8 contacts
- 1, 2, 3, 4 or 5 contacts
- Snap-in, rear-release
- Quadrax, Twinax, Coax, El Ochito® or power contacts
- Lightweight, low profile
- Comprehensive range of assembly tooling

Now Available, Mighty Mouse Connectors with Industry—Standard size 8 Quadrax, Coax, Twinax, El Ochito® and Power Contacts

New Mighty Mouse connectors have size #8 snap-in, rear-release contacts for power and data applications. Available with 1, 2, 3, 4 or 5 contacts, these connectors meet the need for a low-profile, lightweight connector compatible with size #8 twinax, quadrax and Coax contacts used in MIL-DTL-38999 connectors. Quadrax contacts are 100 ohm impedance for Ethernet networks. Concentric Twinax contacts accept M17/176-000 cable for MIL-STD-1553 databus. 75 ohm coaxial contacts accept aerospace-grade SMPTE 424M high bit rate digital video cable. Power contacts accept size #8 AWG wire for up to 46 amps continuous duty.

Series 80 Mighty Mouse Connectors, Cordsets and Accessories

Save weight and space with the Glenair Mighty Mouse. The Series 80 product family includes 68 contact arrangements and a wide variety of styles to fit every application. Widely used in aerospace, tactical and harsh environment equipment, the Mighty Mouse connector is unequalled for versatility and availability.



Dimensions in Inches (millimeters) are subject to change without notice.

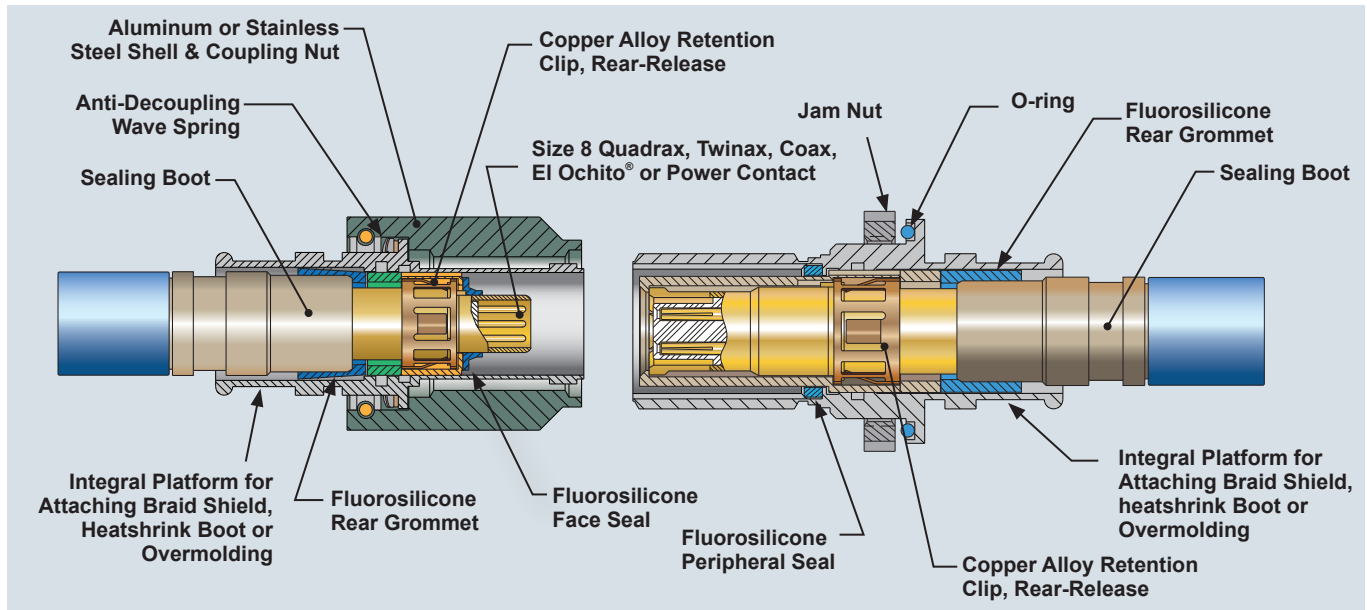
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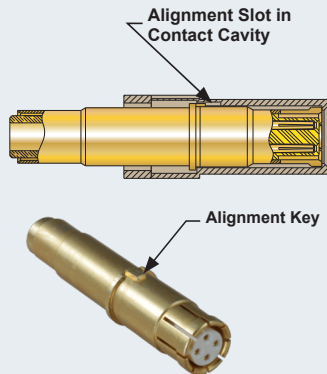
Mighty Mouse
with #8 Contacts

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About Keyed Contacts

Mighty Mouse connectors with size #8 cavities have an alignment slot inside the contact cavity. Quadrax, differential twinax and El Ochito® contacts have an alignment key to properly orient the contact.



Connector Specifications

Current Rating	#8 power contacts 46 Amps. For coax, twinax, quadrax, and El Ochito® contacts refer to following pages
Dielectric Withstanding Voltage	1800 VAC Sea Level
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.
See Series 80 Mighty Mouse catalog for complete performance specs.	

Materials and Finishes

Shells, Jam Nuts	Aluminum alloy or stainless steel
Contacts	Copper alloy, 50 µlnch gold plated
Insulator	High-grade rigid dielectric
Contact Retention Clip	Beryllium copper alloy
Interfacial Seal, O-rings, Wire Sealing Grommet	Fluorosilicone rubber
See Series 80 Mighty Mouse catalog for complete material and finish specs.	

Size #8 Metal Inserts

No of Contacts	Series 800, 802, 803, 804	801	805
1	8G1	8G1	10G1
2	14G2	16G2	18G2
3	15G3	17G3	19G3
4	19G4	19G4	21H4
5	21G5	21G5	23G5

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Series 80 Mighty Mouse

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