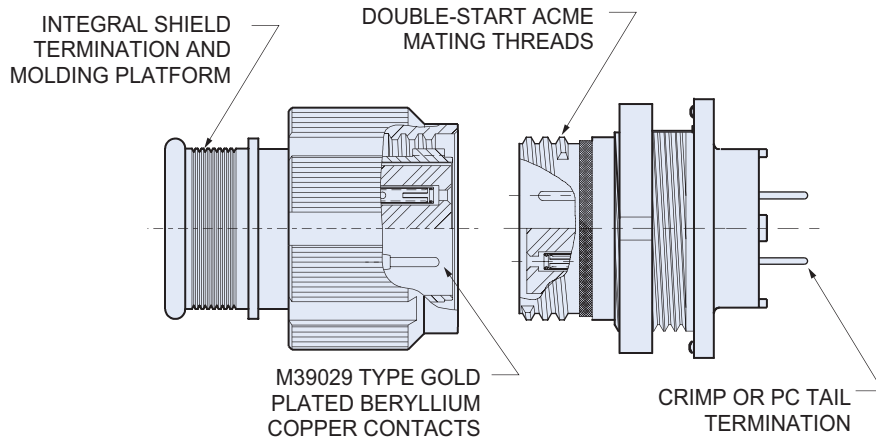


Series 801 "Mighty Mouse" Double-Start ACME Thread

Glenair

Series 801



Heavy-duty double start ACME thread resists cross-threading and damage. Requires only 1½ turns for full mating.

3 through 85 contacts available in crimp, solder cup or printed circuit board versions. Aluminum or stainless steel shell.

5 Amp contact for #22 through #28 wire, .076" (1.9) contact centers, 500 Volt AC. Also available with #12 and #16 contacts for coaxial and power applications.

Glenair's 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.



SPECIFICATIONS

Current Rating	#23 5 AMPS, #16 13 A., #12 23 A.
Dielectric Withstanding Voltage	500 VAC RMS
Insulation Resistance	5000 megohms minimum
Operating Temperature	-65° C. to +150° 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	Beryllium copper alloy, 50 µInch gold plated
Insulators	Liquid crystal polymer (LCP)
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.