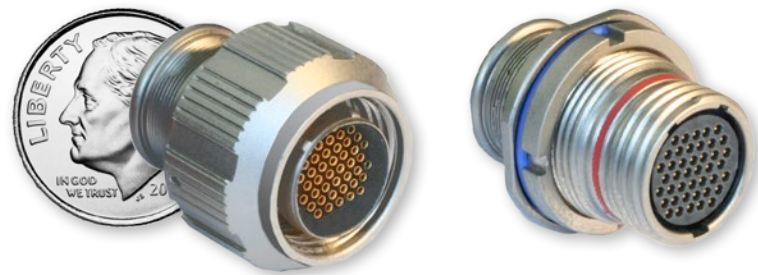


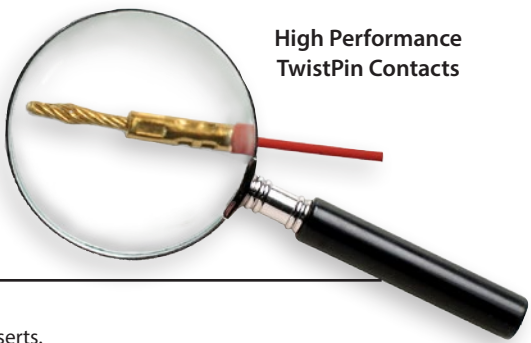
SERIES 811
Mighty Mouse High Density (HD)
Connectors and Cables



811-001-06ME9-42SA **811-003-07ME9-42PA**
Series 811 Plug Series 811 Receptacle

Mighty Mouse high density (HD) connector delivers twice the size and weight savings compared to standard Mighty Mouse

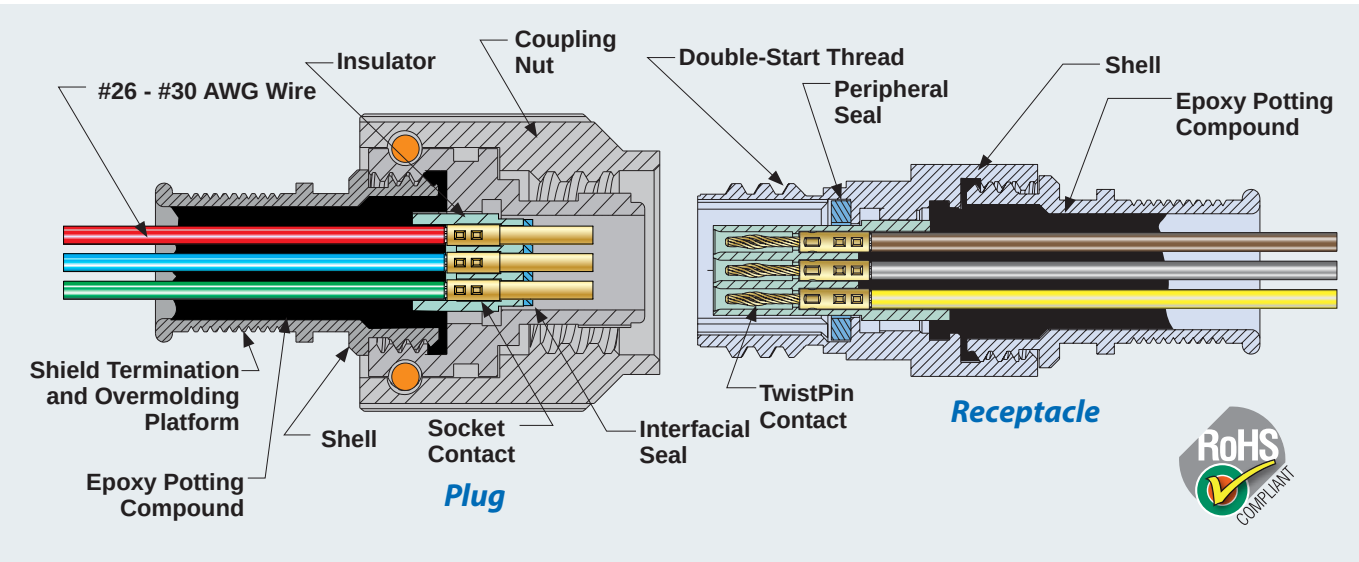
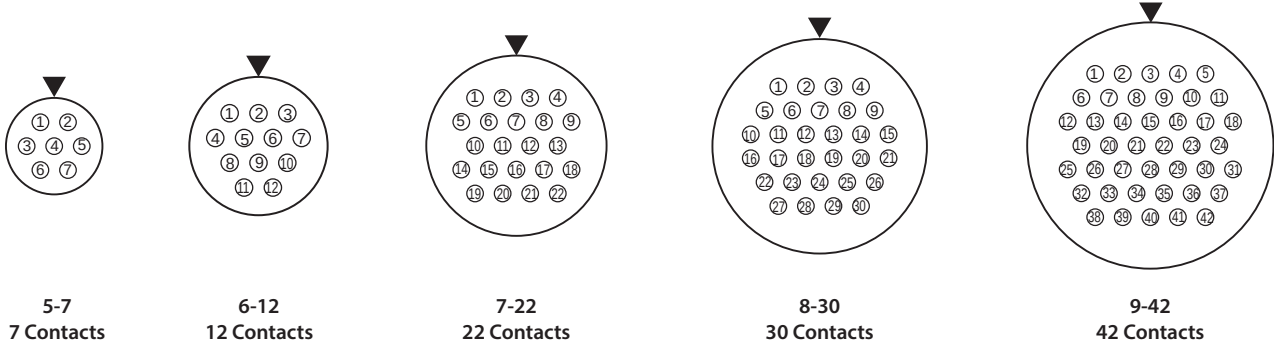
- High Density Micro TwistPin Contacts set on .050" centers deliver over twice the density of standard Series 80 Mighty Mouse
- 7 to 42 Contacts
- Water Resistant to 1 meter
- Double-start ACME threaded coupling



High Performance
TwistPin Contacts

SERIES 811 MIGHTY MOUSE HD CONTACT ARRANGEMENTS

Pin insert shown, use reverse order for socket inserts.



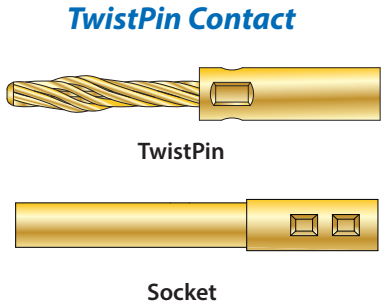
SERIES 811
Mighty Mouse High Density (HD)
Connectors and Cables



The 811 HD Difference: Micro TwistPin Contacts

Widely used for radars, missiles, avionics, and space vehicles, the Micro TwistPin is a spring pin composed of helically wound strands of copper alloy wire, welded into a bundle, then "bulged" and crimped to a copper alloy sleeve. These gold over nickel plated pins and sockets offer low, stable contact resistance even when subjected to temperature extremes and vibration. Designers of soldier systems and other military electronics, medical and high-end industrial equipment have all turned to the TwistPin contact in order to reduce the size and weight of high-performance systems.

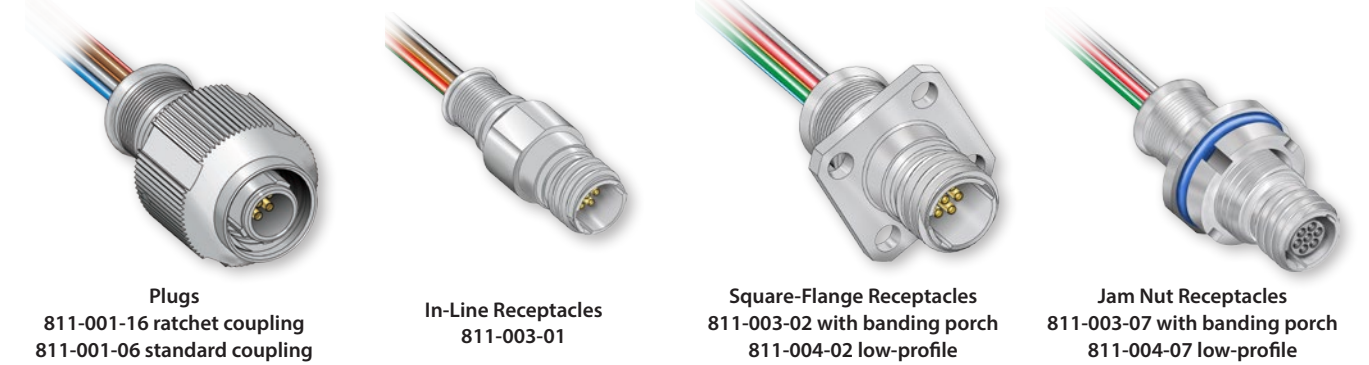
	Specifications
Current Rating	3 AMPS
Dielectric Withstanding Voltage	600 VAC sea level, 150 VAC at 70,000 ft.
Insulation Resistance	5000 megohms minimum
Operating Temperature	-65° C. to +150° C.
Contact Resistance	8 milliohms maximum
Water Immersion, Mated	MIL-STD-810G, Method 512.5 1 meter for 1 hour
Water Ingress, Mated	Ingress protection 67
Shock	300 g's (MIL-DTL-38999 para. 4.5.21.1)
Vibration, Sine	60 g's (MIL-DTL-38999 para. 4.5.23.2.1)
Vibration, Random	23 g's (MIL-DTL-38999 para. 4.4.23.1)
Altitude-Low Temperature	EIA-364-105
Durability	2000 cycles of mating
Magnetic Permeability	2 μ maximum
Shielding Effectiveness	55 dB minimum from 100MHz to 1000MHz.



Protective Covers



SERIES 811 MIGHTY MOUSE HD: PRE-WIRED CONNECTORS



SERIES 811 MIGHTY MOUSE HD: PC TAIL CONNECTORS

