

SERIES 80

Mighty Mouse Contacts and Tools



Size #20 and #16 Crimp Power Contacts

SIZE #20 CRIMP CONTACTS FOR USE WITH COMBO CONTACT ARRANGEMENTS



#20 Socket Contact

Standard size #20 contacts accept #20 to #24 AWG wire. At rated test current of 7.5 amps, the maximum voltage drop is 55 millivolts. Contacts are gold-plated copper alloy. Socket contacts feature stainless steel hoods to protect against probe damage. Approved to SAE-AMS-39029. Contacts are bulk packaged. Terminate with M22520/1-01 crimpers and M22520/1-04 positioner.

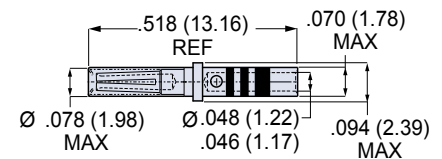
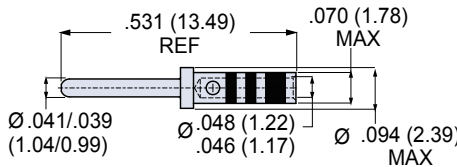
Contact Type	Wire Size	Part Number	Military Part Number	Color Band		
				1st	2nd	3rd
Pin	#20 – #24	850-002-20-363	M39029/58-363	Orange	Blue	Orange
Socket	#20 – #24	850-003-20-357	M39029/57-357	Orange	Green	Violet

Contact Crimp and Removal Tools		
Description	Glenair P/N	Military P/N
Hand Crimp Tool	809-015	M22520/2-01
Pin/Skt Positioner	809-137	M22520/2-10
Insertion Tool	809-207	M22520/14-10

NOTES

Specifications

- Current rating: 7.5 amps
- Max operating temp: +125°C
- Minimum separation force: 0.7 oz.
- Maximum engagement force: 18 oz.
- Max contact millivolt drop at 7.5 amps: 83 millivolts at 25°C; 125 millivolts at 125°C, silver plated wire



SIZE #16 CRIMP CONTACTS



#16 Socket Contact

Standard size #16 contacts accept #16 to #20 AWG wire. At rated test current of 13 amps, the maximum voltage drop is 49 millivolts. Contacts are gold-plated copper alloy. Socket contacts feature stainless steel hoods to protect against probe damage. Approved to SAE-AMS-39029. Contacts are bulk packaged. Terminate with M22520/1-01 crimpers and M22520/1-04 positioner.

Contact Type	Wire Size	Part Number	Military Part Number	Color Band		
				1st	2nd	3rd
Pin	#16 – #20	809-110	M39029/58-364	Orange	Blue	Yellow
Socket	#16 – #20	809-111	M39029/57-358	Orange	Green	Gray

Contact Crimp and Removal Tools		
Description	Glenair P/N	Military P/N
Hand Crimp Tool	809-136	M22520/1-01
Pin/Skt Positioner	809-137	M22520/1-04
Insertion/Removal Tool	809-131	M81969/14-03

NOTES

Specifications

- Current rating: 13 amps
- Max operating temp: +125°C
- Minimum separation force: 2 oz.
- Maximum engagement force: 30 oz.
- Max contact millivolt drop at 13 amps: 49 millivolts at 25°C; 74 millivolts at 125°C, silver plated wire

