

SERIES 79 MICRO-CRIMP RECTANGULAR CONNECTORS

Contacts and Tools



Size 16 Coax Contacts

CONTACTS AND TOOLS

500 MHz



Snap-in, rear release size 16 coax contacts in accordance with M39029/76 and M39029/78. 500 MHz maximum frequency. Crimp termination. Supplied unassembled with instruction sheet.

COMPATIBILITY

- Series 790, 791, 793 and 795 connectors
- Series 80 connectors
- Series 806 connectors
- MIL-DTL-38999 pin connectors, MIL-DTL-38999 series II socket connectors

CONSTRUCTION

- Center contact, body, outer sleeve: copper alloy, gold over nickel plating
- Dielectric: fluoropolymer
- Socket contact hood: SST, passivated

TOOLS

Inner Contact Crimp Tool		Shield Sleeve Crimp Tool	
Crimp Tool	Positioner	Crimp Tool	Positioner
809-015 <i>(M22520/2-01)</i>	809-125 <i>(M22520/2-35)</i>	809-127 <i>(M22520/4-01)</i>	809-126 <i>(M22520/4-02)</i>

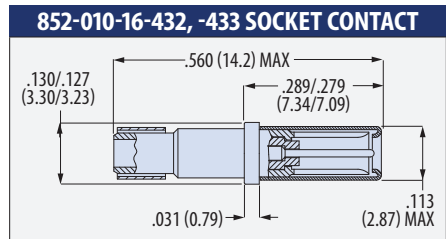
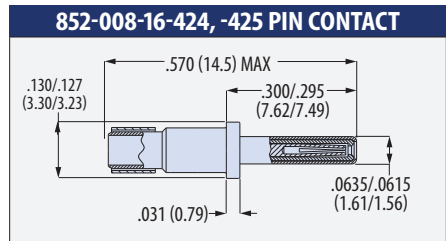
Installing & Removal Tool

809-131
(M81969/14-03)



SIZE 16 COAX CONTACTS – 500 MHz AS39029

PART NUMBER		
RG Cable	Pin	Socket
M17/119-RG174 M17/113-RG316 M17/094-RG179	852-008-16-424 <i>(M39029/76-424)</i>	852-010-16-432 <i>(M39029/78-432)</i>
M17/093-RG178	852-008-16-425 <i>(M39029/76-425)</i>	852-010-16-433 <i>(M39029/78-433)</i>



RATINGS

- Operating temperature: -65 to +200 °C.
- Dielectric withstanding voltage: 800 Vac rms at sea level, 250 Vac at 50,000 feet
- Current rating: 1 ampere
- Durability: 500 mating cycles
- VSWR: 1.50 max. @ 500 MHz

SIZE 16 COAX CONTACTS – 50 OHM 6 GHz

50 Ohm

6 GHz



6 GHz, 50 ohm, Size 16. Snap-in, rear release contacts accept high performance coaxial cable. Solder termination. Supplied unassembled with assembly instructions.

COMPATIBILITY

- Series 790, 791, 793 and 795 connectors
- Series 80 connectors
- Series 806 connectors
- MIL-DTL-38999 pin connectors
- MIL-DTL-38999 series II socket connectors

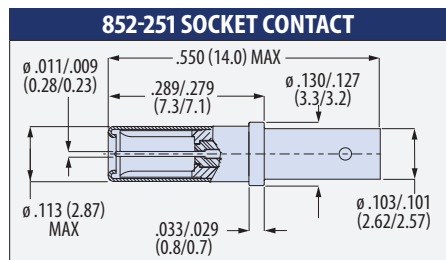
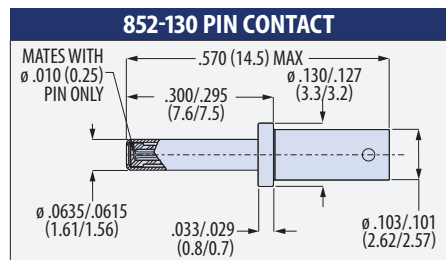
CONSTRUCTION

- Center contact, body, ferrule: copper alloy, gold over nickel plating
- Dielectric: fluoropolymer
- Socket contact hood: SST, passivated

PART NUMBER		
Cable Accommodation	Pin	Socket
962-025-086 RG405-FLEX	852-130-01	852-251-01
M17/93-RG178	852-130-02	852-251-02
962-025-047 047SC-2901	852-130-03	852-251-03
M17/113-RG316	852-130-04	852-251-04

RATINGS

- Operating temperature: -55 °C to +125 °C
- Frequency range: DC - 6 GHz
- Impedance: 50 ohms nom.
- VSWR: 1.30:1 DC - 4 GHz, 1.50:1 4 - 6 GHz
- Dielectric withstanding voltage: 325 Vdc
- Insulation resistance: 5,000 megohms
- Durability: 500 mating cycles

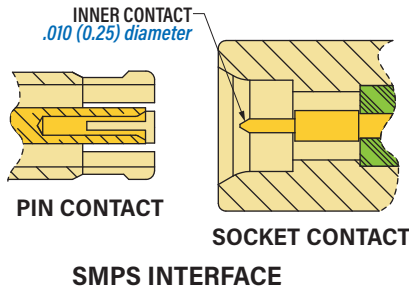


Size 16 Coax Contacts

50 Ohm **65 GHz** **SMPS**



65 GHz. SMPS interface. 50 ohm. Size 16.
 Snap-in, rear release coax contacts feature precision SMPS interface. These spring-loaded contacts are suitable for millimeter-wave applications up to 65 GHz. Use with .047 flexible or semi-rigid cable with 29 AWG signal conductor. Solder termination.



SIZE 16 COAX CONTACTS – 50 OHM 65 GHZ SMPS

PART NUMBER		
Cable Accommodation	Pin	Socket
962-025-047	852-133-01	852-159-01

RATINGS
■ Operating temperature: -55 °C to +125 °C
■ Frequency range: DC – 65 GHz
■ Impedance: 50 ohms
■ VSWR: 1.50:1
■ Dielectric withstanding voltage: 250 Vac rms
■ Insulation resistance: 5,000 megohms
■ Durability: 500 mating cycles

COMPATIBILITY
■ Series 790, 791, 792 and 795 connectors
■ Series 80 connectors
■ Series 806 connectors
■ MIL-DTL-38999 pin connectors, MIL-DTL-38999 series II socket connectors

CONSTRUCTION
■ Center contact, body: copper alloy, gold over nickel plating
■ Dielectrics: fluoropolymer
■ Outer body, floating, socket contact: SST, passivated
■ Spring, socket contact: SST, passivated

