

SERIES 79 MICRO-CRIMP RECTANGULAR CONNECTORS

Contacts and Tools

SERIES
79

Size 12 Coax Contacts

CONTACTS AND TOOLS

SIZE 12 COAX CONTACTS – 700 MHz AS39029

700 MHz



Snap-in, rear release size 12 coax contacts in accordance with M39029/27 and M39029/28. 700 MHz maximum frequency (200 MHz max for RG179 75 ohm cable). Crimp termination.

RATINGS

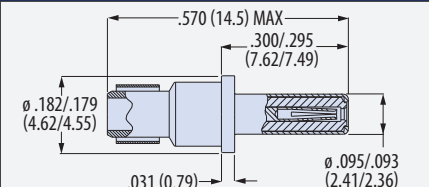
- Operating temperature: -65 to +200 °C.
- Dielectric withstanding voltage: 1000 Vac rms at sea level, 250 Vac at 50,000 feet
- Current rating: 1 ampere
- Durability: 500 mating cycles

CONSTRUCTION

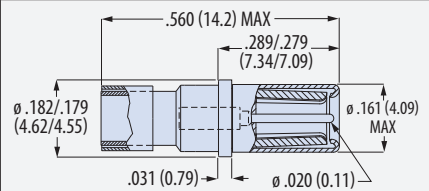
- Center contact, body, outer sleeve: copper alloy, gold over nickel plating
- Dielectric: fluoropolymer
- Socket contact hood: SST, passivated

PART NUMBER		
RG Cable	Pin	Socket
M17/119-RG174 M17/113-RG316 M17/094-RG179	852-002-12-211 (M39029/28-211)	852-001-12-210 (M39029/27-210)

852-002-12-211 PIN CONTACT



852-001-12-210 SOCKET CONTACT



TOOLS

Inner Contact Crimp Tool		Shield Sleeve Crimp Tool	
809-015 (M22520/2-01)	809-135 (M22520/2-34)	809-133 (M22520/31-01)	809-134 (M22520/31-02)

INSTALLING & REMOVAL TOOL

809-132
(M81969/14-04)



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

SIZE 12 COAX CONTACTS – 3 GHz 50 OHM

50 Ohm

3 GHz



Snap-in, rear release size 12 coax contacts for Series 790, 791, 793 and 795 connectors. DC – 3 GHz frequency range, 50 ohm nominal impedance. 852-015 and 852-016 are crimp termination, 852-017 and 852-018 are solder termination. Supplied unassembled with instruction sheet.

RATINGS

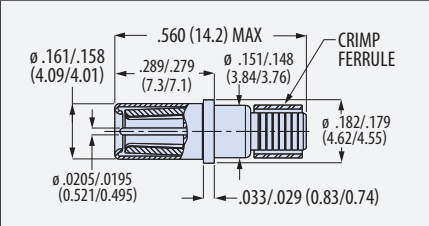
- Operating temperature: -65 °C to +200 °C
- VSWR: 1.32:1 max. @ 3 GHz
- Impedance: 50 ohms
- Insertion loss: 0.20 dB maximum at 3 GHz
- Dielectric withstanding voltage: 1000 Vac rms
- Current rating: 1 ampere
- Durability: 500 mating cycles

CONSTRUCTION

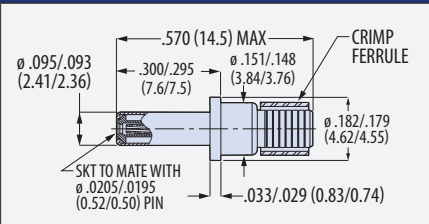
- Center contact, body, outer sleeve: copper alloy, gold over nickel plating
- Dielectric: fluoropolymer
- Socket contact hood: SST, passivated

PART NUMBER		
RG Cable	Pin	Socket
M17/113-RG316	852-016-01	852-015-01
M17/152-0001 (RG316DS)	852-016-02	852-015-02
M17/93-RG178	852-016-03	852-015-03
RG178 DS (DSCC 06017)	852-016-04	852-015-04
962-010-405 (RG405-FLEX)	852-018	852-017

852-015 SOCKET CONTACT



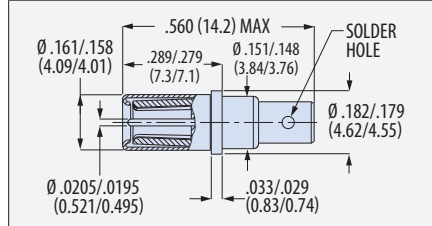
852-016 PIN CONTACT



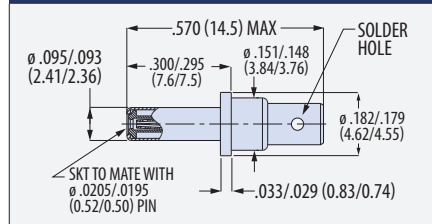
CRIMP TOOLS FOR 852-015 AND 852-016

Inner Contact Crimp Tool		Shield Sleeve Crimp Tool	
809-128 (MH992)	859-006 (K1721)	809-129 (M22520/5-01)	809-130 (M22520/5-03)

852-017 SOCKET CONTACT



852-018 PIN CONTACT



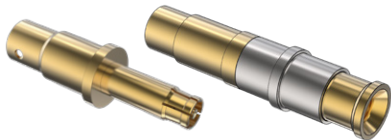
SERIES 79 MICRO-CRIMP RECTANGULAR CONNECTORS Contacts and Tools



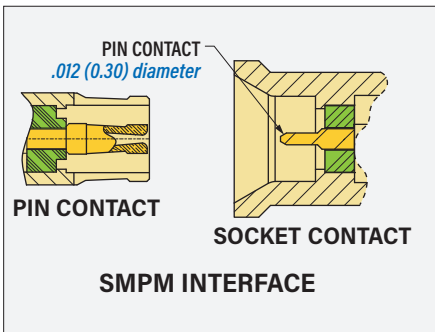
Size 12 Coax Contacts

CONTACTS AND TOOLS

50 Ohm **40 GHz** **SMPM**



40 GHz. SMPM interface. 50 ohm. Size 12. Snap-in, rear release coax contacts have precision spring-loaded mating interface for consistent contact engagement and low insertion loss through 40 GHz. Center contact is solderless. Cable shield is solder termination.

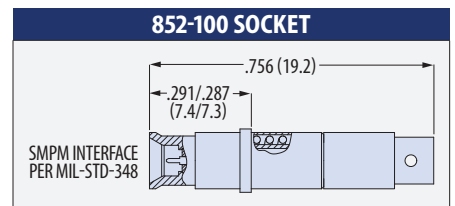
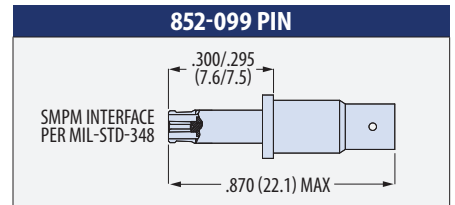


SIZE 12 COAX CONTACTS – 50 OHM 40 GHz SMPM

PART NUMBER		
Cable Accommodation	Pin	Socket
962-025-086 RG405-FLEX	852-099-01	852-100-01
962-008-120 HP120S	852-099-02	852-100-02
962-025-047 1001935047 1000671047	852-099-03	852-100-03
962-032-130	852-099-04	852-100-04

CONSTRUCTION
<ul style="list-style-type: none"> Center contact, body: copper alloy, gold over nickel plating Insulator: PTFE Dielectric Stop: thermoplastic Hood: SST, passivated Spring: SST, passivated

COMPATIBILITY
<ul style="list-style-type: none"> 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



RATINGS
<ul style="list-style-type: none"> Operating temperature: -55 °C to +125 °C Frequency range: DC – 40 GHz Impedance: 50 ohms nom. VSWR DC – 26.5 GHz: 1.2:1 VSWR 26.5 – 40 GHz: 1.50:1 Insertion loss: 0.12 X √ Freq. in GHz Dielectric withstanding voltage: 325 Vac rms Insulation resistance: 5,000 megohms Durability: 500 mating cycles

75 Ohm **3 GHz**



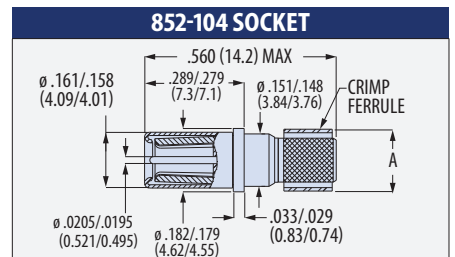
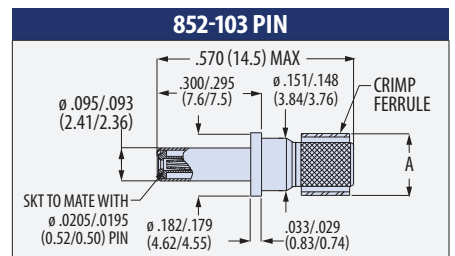
Low loss. 75 ohm. Size 12. Snap-in, rear release coax contacts have 75 ohm nominal impedance. DC – 3 GHz frequency range. Crimp termination. Supplied unassembled with instruction sheet.

COMPATIBILITY
<ul style="list-style-type: none"> 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

SIZE 12 COAX CONTACTS – 75 OHM 3 GHz

PART NUMBER			
Cable Accommodation	Pin	Socket	A (After Crimp)
V75268, V76261, V73263 (PIC™)	852-103-01	852-104-01	ø.156 (3.9) Max
M17/94-RG179	852-103-02	852-104-02	.128 (3.3) Hex

RATINGS
<ul style="list-style-type: none"> Operating temperature: -65 °C to +200 °C Frequency range: DC – 3 GHz Impedance: 75 ohms nom. VSWR: 1.25:1 max. @ 3 GHz Dielectric withstanding voltage: 500 Vac rms Insulation resistance: 5,000 megohms Durability: 500 mating cycles



CONSTRUCTION
<ul style="list-style-type: none"> Center contact, body, ferrule: copper alloy, gold over nickel plating Insulator: fluoropolymer Socket contact hood: SST, passivated

TOOLS

Inner Contact Crimp Tool	Ferrule Crimp Tool for -01	Ferrule Crimp Tool for -02	Insertion/ Removal
809-128 (MH992)	859-006 (K1721)	809-133 (M22520/31-01)	859-128 (GP959)
809-129 (M22520/5-01)	809-130 (M22520/5-03)	809-132 (M81969/14-04)	