

Selection Guide

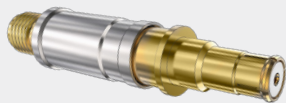
COAX CONTACTS

**Series 852
Coax Contacts**
For Multi-Port Mil/Aero
Connectors

Series 852 Coax Contacts for multi-port military/aerospace connectors. 50 ohm and 75 ohm. Contacts snap into rear-release Glenair Series 23 SuperNine, Series 80 Mighty Mouse, Series 795 Micro-Crimp, and Series 806 RF connectors. Consult factory for use with MIL-DTL-38999 connectors.

Available in sizes 8, 12, and 16, these contacts are compatible with popular "RG" coax cable sizes. Spring-loaded versions offer low insertion loss when used with high frequency flexible microwave and mmWave cables.

G-Link^{RF}



18 GHz **G-Link^{RF}** contacts have a BMB-style mating end and a female SMA interface on the back end. Compatible with MIL-DTL-38999 and other connectors with size 8 rear-release contact arrangements.

#8
Sr. 23 SuperNine Series 80 (MIL-DTL-38999, consult factory)

50 Ohm 18 GHz 852-157 852-158 Page 3	50 Ohm 6 GHz 852-030, -031 852-042, -043 Page 4	50 Ohm 12 GHz 852-070 18 GHz 852-071 Page 5	75 Ohm 4 GHz 852-056, -057 852-082, -083 Page 6	75 Ohm 12 GHz 852-119 852-120 Page 7

#8
Series 795 Series 806 RF

50 Ohm 18 GHz 852-256 852-157 Page 8	50 Ohm 6 GHz 852-148 852-149 Page 9	50 Ohm 18 GHz 852-152 852-071 Page 10	75 Ohm 4 GHz 852-150 852-151 Page 11

#12
SuperNine Series 795 Series 806 RF

50 Ohm 3 GHz 852-015, -016, -017 852-018, -019, -037 Page 12	50 Ohm 40 GHz 852-099, -100 852-154 Page 13	75 Ohm 3 GHz 852-103, -104 852-106 Page 14

#16
SuperNine Series 795 Series 806 RF

50 Ohm 4 GHz 852-130, -131 852-251 Page 15	50 Ohm 65 GHz 852-133, -134 852-159 Page 16

GLENAIR SIGNATURE MULTI-PIN CONNECTORS FOR RF/MICROWAVE APPLICATIONS

SERIES 795TM
RF
Series 795

SuperNine[®]
Series 23

SERIES 806
MIL-AERO
Series 806 RF

GMMD
Series GMMD

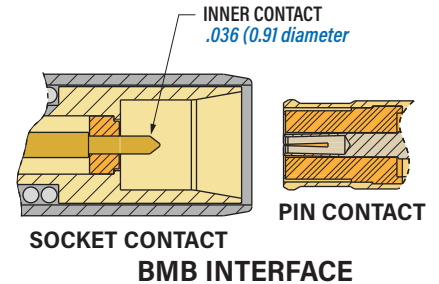
852-157 852-158

- Size 8
- 50 Ohm
- 18 GHz BMB Style

- G-Link^{RF}
- Female SMA Adapter
- Integral Release Sleeve



SMA adapter. 18 GHz. 50 ohm. Size 8. Snap-in, rear release coax contacts fit Glenair Series 80 Mighty Mouse connectors, Glenair Series 23 SuperNine and MIL-DTL-38999 connectors with size 8 contact cavities. BMB-style contact features G-LinkRF female SMA adapter and integral release sleeve. Attach male SMA plug directly to contact, no soldering required. 50 ohm nominal impedance. DC - 18 GHz frequency range.



PART NUMBER	
Pin Contact	Socket Contact
852-157	852-158

COAX CONTACTS

CONNECTOR COMPATIBILITY

- MIL-DTL-38999
with size 8 contact cavities
- Series 233 SuperNine
with size 8 contact cavities
- Series 80 Mighty Mouse
with size 8 contact cavities

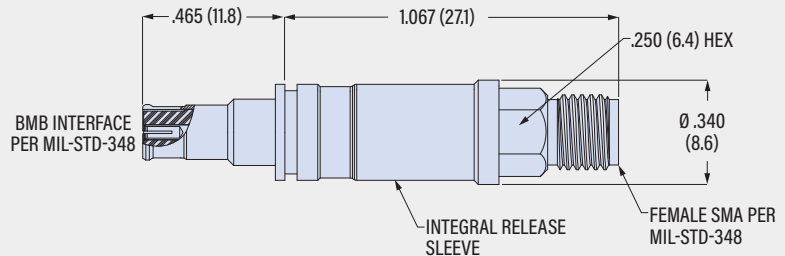
CONSTRUCTION

- Center contact: copper alloy, gold over nickel plating
- Dielectric: fluoropolymer
- SMA Body: copper alloy, gold over nickel plating
- Front Body: copper alloy, gold over nickel plating
- Socket contact outer sleeve: SST, passivated
- Pin contact spring: SST, passivated
- Integral release sleeve: SST, passivated

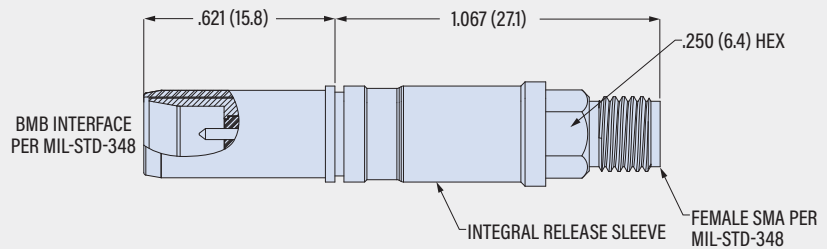
SPECIFICATIONS

- Dielectric withstanding voltage: 1000 Vac rms
- Frequency range: DC - 18 GHz
- VSWR: 1.45 maximum
- Impedance: 50 ohm nominal

852-157 PIN CONTACT



852-158 SOCKET CONTACT



852-030 **852-042**
852-031 **852-043**

- Size 8
- 50 Ohm
- 6 GHz
- Solder + Crimp Termination

COAX CONTACTS



Pin Contact

Socket Contact

50 ohm. 6 GHz. Size 8. Snap-in, rear release coax contacts fit Glenair Series 80 Mighty Mouse connectors, Glenair Series 23 SuperNine and MIL-DTL-38999 connectors with size 8 contact cavities. 50 ohm nominal impedance. DC – 6 GHz frequency range. Inner contact is solder type, shield termination is crimp type. Supplied as unassembled kit with instruction sheet.

Coax Cable	Pin Part Number		Socket Part Number		A Hex Crimp	
	With Sealing Boot	No Sealing Boot	With Sealing Boot	No Sealing Boot	in	mm
M17/152-00001 (RG316-DS)	852-031-01F	852-031-01	852-030-01F	852-030-01	.128	3.3
M17/113-RG316	852-031-02F	852-031-02	852-030-02F	852-030-02	.128	3.3
M17/060-RG142 M17/128-RG400 962-009-200 (Glenair)	852-031-03F	852-031-03	852-030-03F	852-030-03	.218	5.5
M17/28-RG58	852-031-04F	852-031-04	852-030-04F	852-030-04	.218	5.5
M17/220-0001	852-043F	852-043	852-042F	852-042	.213	5.4

CONNECTOR COMPATIBILITY

- MIL-DTL-38999
with size 8 contact cavities
- Series 233 SuperNine
with size 8 contact cavities
- Series 80 Mighty Mouse
with size 8 contact cavities

CONSTRUCTION

- Center contact, body, retainer, clamp nut: copper alloy, gold over nickel plating
- Dielectrics: fluoropolymer
- Sealing boot: fluorosilicone rubber, glass-filled thermoplastic

SPECIFICATIONS

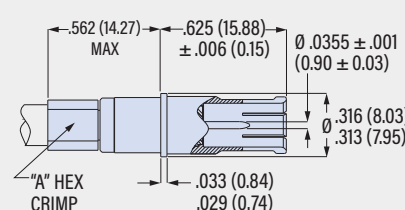
- Operating temperature: -65 °C to +200 °C
- VSWR: 1.25:1 max. @ 6 GHz
- Impedance: 50 ohm nominal
- Dielectric withstanding voltage: 1300 Vac rms at sea level, 250 Vac at 50,000 feet
- Current rating: 1 ampere
- Durability: 500 mating cycles

REMOVAL TOOL

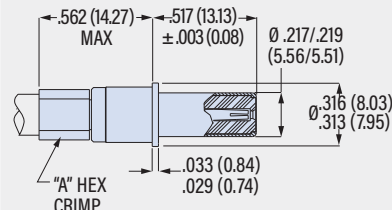
[859-022](#)
(M81969/14-06)



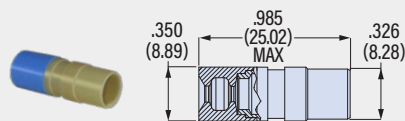
852-030, 852-042 SOCKET



852-031, 852-043 PIN



SEALING BOOT



Slide boot over cable, rubber end first, before terminating cable to contact. Install wired contact into connector, then slide boot into connector grommet to provide moisture seal.

Part Number	Cable Range
859-042-01	.090/.130 (2.3/3.3)
859-042-02	.130/.170 (3.3/4.3)
859-042-03	.170/.205 (4.3/5.2)

CRIMP TOOLS

Center contact is solder termination, no crimp tool is necessary. Terminate cable braid to contact with crimp tool and hex die set.



Tool	Part Number
Crimp Tool	809-129 (M22520/5-01)
Die Set, .128 Hex	809-130 (M22520/5-03)
Die Set, .213 Hex	859-051 (M22520/5-05)
Die Set, .218 Hex	859-007 (M22520/5-45)

852-070
852-071

- Size 8
- 50 Ohm
- 18 GHz

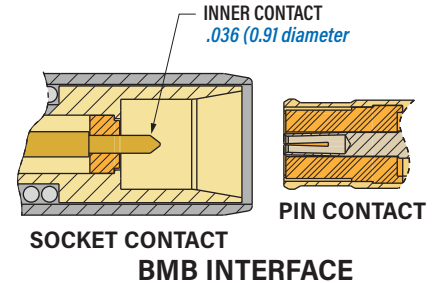
- BMB Style
- Spring-Loaded
- Solder Termination



Pin Contact

Socket Contact

18 GHz. Spring-loaded BMB interface. 50 ohm. Size 8. Snap-in, rear release coax contacts fit Glenair Series 80 Mighty Mouse connectors, Glenair Series 23 SuperNine and MIL-DTL-38999 connectors with size 8 contact cavities. 50 ohm nominal impedance. DC - 18 GHz frequency range. Solder termination. Consult factory for optimal connector selection.



COAX CONTACTS

CONNECTOR COMPATIBILITY

- MIL-DTL-38999 with size 8 contact cavities
- Series 233 SuperNine with size 8 contact cavities
- Series 80 Mighty Mouse with size 8 contact cavities

Consult factory for contact / connector compatibility

CONSTRUCTION

- Center contact, body: copper alloy, gold over nickel plating
- Dielectric: fluoropolymer
- Socket contact outer sleeve: SST, passivated
- Socket contact spring: SST, passivated
- Sealing boot: fluorosilicone rubber grommet, glass-filled thermoplastic follower

SPECIFICATIONS

- Operating temperature: -55 °C to +125 °C
- Dielectric withstanding voltage: 1000 Vac rms
- Frequency range: DC - 18 GHz
- VSWR: DC - 1 GHz: 1.10:1. Above 1 GHz: 1.20 + .025 (freq GHz)
- Impedance: 50 ohms
- Insertion loss: .05 dB @ 400 MHz, above 1 GHz: 0.06 x √(Freq in GHz)
- Durability: 500 mating cycles

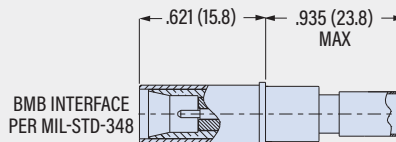
REMOVAL TOOL

859-022
(M81969/14-06)

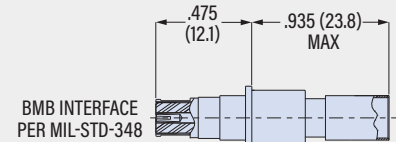


PART NUMBER		
Coax Cable	Pin Contact	Socket Contact
RG-402 Flex 962-010-402 (Glenair)	852-071-01	852-070-01
M17/60-RG142	852-071-02	852-070-02
LL142 (Harbour Industries) 962-009-200 (Glenair)	852-071-03	852-070-03
LMR-240 (Times Microwave) 7808 (Belden)	852-071-04	852-070-04
RG-405 Flex 962-010-405 (Glenair)	852-071-05	852-070-05
047 Flexible 962-014-047 (Glenair)	852-071-06	852-070-06
HP120s (Semflex) 962-008-120 (Glenair)	852-071-07	852-070-07
962-009-160 (Glenair)	852-071-08	852-070-08
962-009-235 (Glenair)	852-071-09	852-070-09

852-070 SOCKET CONTACT

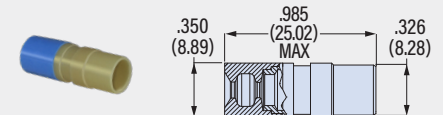


852-071 PIN CONTACT



SEALING BOOT

Included with 852-070 and 852-071 contacts. Slide boot over cable, rubber end first, before terminating cable to contact. Install wired contact into connector, then slide boot into connector grommet to provide moisture seal.



Part Number	Cable Range
859-042-01	.090/.130 (2.3/3.3)
859-042-02	.130/.170 (3.3/4.3)
859-042-03	.170/.205 (4.3/5.2)

852-056 **852-082**
852-057 **852-083**

- Size 8
- Crimp Termination
- 75 Ohm
- 4 GHz

COAX CONTACTS



Low loss. 75 ohm. Size 8. Snap-in, rear release coax contacts fit Glenair Series 80 Mighty Mouse connectors, Glenair Series 23 SuperNine and MIL-DTL-38999 connectors with size 8 contact cavities. 75 ohm nominal impedance. DC - 4 GHz frequency range. Crimp termination. Supplied as unassembled kit with assembly instruction sheet.

PART NUMBER						
Coax Cable	Pin Part Number		Socket Part Number		A Hex Crimp	
	With Sealing Boot	No Sealing Boot	With Sealing Boot	No Sealing Boot	in	mm
V75268, V76261, V73263 <i>(PIC™ Wire and Cable)</i>	852-056-01F	852-056-01	852-057-01F	852-057-01	.218	5.5
M17/94-RG179	852-056-02F	852-056-02	852-057-02F	852-057-02	.128	3.3
V78209 <i>(PIC™ Wire and Cable)</i>	852-082-01F	852-082-01	852-083-01F	852-083-01	.231	5.9
LMR-240-75 <i>(Times Microwave)</i>	NOT AVAILABLE	852-082-02	NOT AVAILABLE	852-083-02	.231	5.9

CONNECTOR COMPATIBILITY

- MIL-DTL-38999 with size 8 contact cavities
- Series 233 SuperNine with size 8 contact cavities
- Series 80 Mighty Mouse with size 8 contact cavities

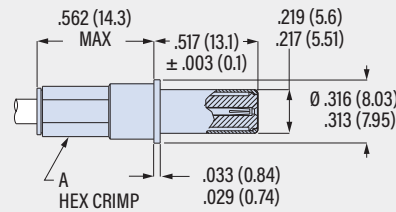
CONSTRUCTION

- Center contact, body, retainer, clamp nut, ferrule: copper alloy, gold over nickel plating
- Dielectrics: fluoropolymer
- Sealing boot: fluorosilicone rubber, glass-filled thermoplastic

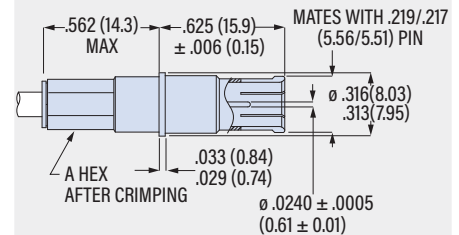
SPECIFICATIONS

- Operating temperature: -65 °C to +200 °C
- VSWR: 1.25:1 max. @ 4 GHz
- Impedance: 75 ohms
- Dielectric withstanding voltage: 500 Vac rms at sea level
- Current rating: 1 ampere
- Durability: 500 mating cycles

852-056, 852-082 PIN



852-057, 852-083 SOCKET



ASSEMBLY TOOLS

Inner Contact

Crimp Tool
809-015
(M22520/2-01)



Positioner
859-072
(M22520/2-37)



Shield Ferrule

Crimp Tool
809-129
(M22520/5-01)



Hex Die

.105 and .128 Hex
809-130
(M22520/5-03)

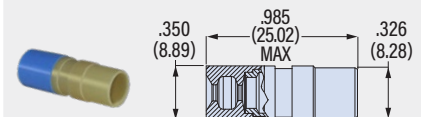
.218 and .231 Hex
859-047
(M22520/5-45)

Extraction Tool

859-022
(M81969/14-06)



SEALING BOOT



Slide boot over cable, rubber end first, before terminating cable to contact. Install wired contact into connector, then slide boot into connector grommet to provide moisture seal.

Part Number	Cable Range
859-042-01	.090/.130 (2.3/3.3)
859-042-02	.130/.170 (3.3/4.3)
859-042-03	.170/.205 (4.3/5.2)

852-119
852-120

- 12 GHz
- Size 8
- 75 Ohm
- Solder+Crimp Termination
- 12G-SDI
- Use with Belden 4855R 4K UHD Video Cable



Pin Contact

Socket Contact

75 ohm, 12 GHz, Size 8, 4K UHD video. Snap-in, rear release coax contacts fit Glenair Series 80 Mighty Mouse connectors, Glenair Series 23 SuperNine and MIL-DTL-38999 connectors with size 8 contact cavities. 75 ohm nominal impedance. These contacts are designed for use with Belden 4855R 12G-SDI SMPTE cable. DC - 12 GHz frequency range. Center contact is solder termination. Terminate shield with hex crimp. Supplied as unassembled kit with assembly instruction sheet.

CONNECTOR COMPATIBILITY

- MIL-DTL-38999
with size 8 contact cavities
- Series 233 SuperNine
with size 8 contact cavities
- Series 80 Mighty Mouse
with size 8 contact cavities

CONSTRUCTION

- Center contact, body, clamp nut, ferrule: copper alloy, gold over nickel plating
- Dielectrics: fluoropolymer
- Sealing boot: fluorosilicone rubber, glass-filled thermoplastic

SPECIFICATIONS

- Operating temperature of Belden cable: -35 °C to +75 °C
- Frequency range: DC - 12 GHz
- Return loss: SMPTE ST 2081-1:2015, ST2082-1:2015
- Impedance: 75 ohms
- Dielectric withstanding voltage: 500 Vac rms
- Insulation resistance: 5000 megohms
- Durability: 500 mating cycles

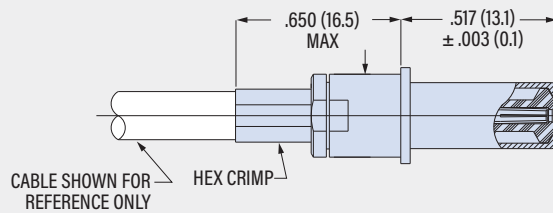
REMOVAL TOOL

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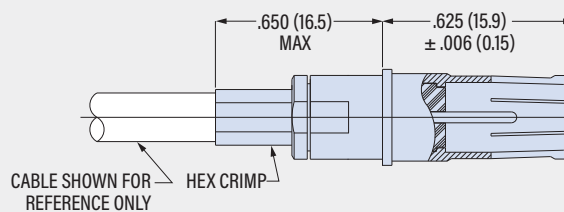


PART NUMBER				
Coax Cable	Pin Part Number		Socket Part Number	
	With Sealing Boot	No Sealing Boot	With Sealing Boot	No Sealing Boot
4855R (Belden)	852-119-01F	852-119-01	852-120-01F	852-120-01

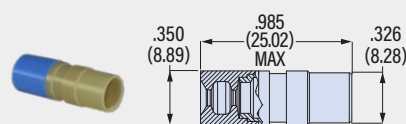
852-119-01 PIN CONTACT



852-120-01 SOCKET CONTACT



SEALING BOOT



Slide boot over cable, rubber end first, before terminating cable to contact. Install wired contact into connector, then slide boot into connector grommet to provide moisture seal.

Part Number	Cable Range
859-042-02	.130/.170 (3.3/4.3)

CRIMP TOOLS

Center contact is solder termination, no crimp tool is necessary. Terminate cable shield to contact with crimp tool and hex die set.



Tool	Part Number
Crimp Tool	809-129 (M22520/5-01)
Die Set, .178 Hex	859-051 (M22520/5-05)

COAX CONTACTS

852-256
852-157

- Size 8
- 50 Ohm
- 18 GHz BMB Style

- G-LinkRF
- Female SMA Adapter
- Integral Release Sleeve

COAX CONTACTS

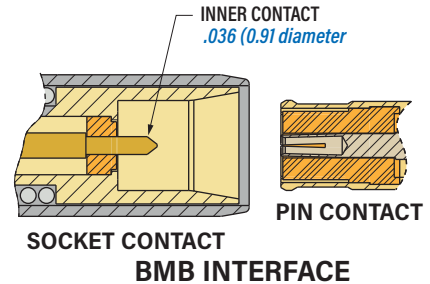


G-LinkRF

Pin Contact

Socket Contact

G-LinkRF. SMA adapter. 18 GHz. 50 ohm. Size 8. Snap-in, rear release coax contacts fit Glenair Series 795 and Series 806 RF connectors with size 8 contact cavities. BMB-style contact features G-LinkRF female SMA adapter and integral release sleeve. Attach male SMA plug directly to contact, no soldering required. 50 ohm nominal impedance. DC - 18 GHz frequency range.



PART NUMBER	
Pin Contact	Socket Contact
852-157	852-256

CONNECTOR COMPATIBILITY

- Series 795 connectors with size 8 contact cavities
- Series 806 RF connectors with size 8 RF contact cavities

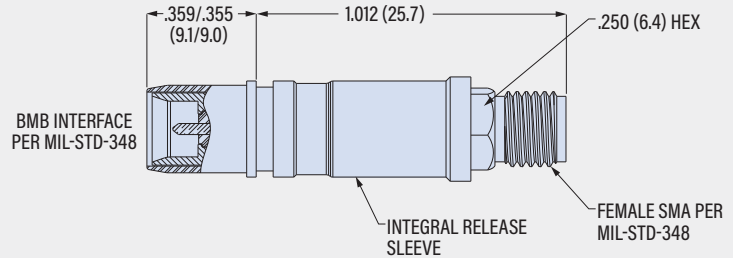
CONSTRUCTION

- Center contact: copper alloy, gold over nickel plating
- Dielectric: fluoropolymer
- SMA Body: copper alloy, gold over nickel plating
- Front Body: copper alloy, gold over nickel plating
- Socket contact outer sleeve: SST, passivated
- Socket contact spring: SST, passivated
- Integral release sleeve: SST, passivated

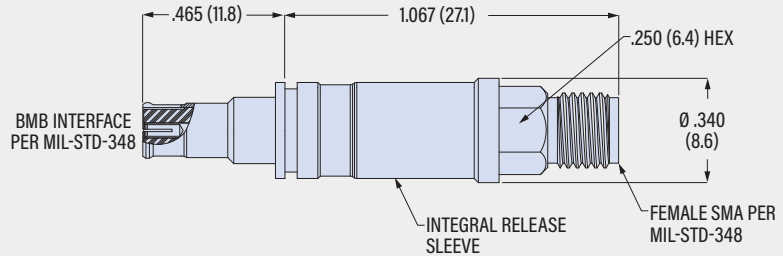
SPECIFICATIONS

- Operating temperature: -55 °C to +125 °C
- Dielectric withstanding voltage: 1000 Vac rms
- Frequency range: DC - 18 GHz
- VSWR: 1.45 maximum
- Impedance: 50 ohms
- Durability: 500 mating cycles

852-256 SOCKET CONTACT



852-157 PIN CONTACT



852-148
852-149

- Size 8
- 50 Ohm
- 6 GHz

- Solder + Crimp Termination
- Fits Series 795, 806 Connectors



Pin Contact

Socket Contact

Low loss. 50 ohm. Size 8. Snap-in, rear release coax contacts fit Glenair Series 795 and Series 806 connectors with size 8 contact cavities. 50 ohm nominal impedance. DC - 6 GHz frequency range. Inner contact is solder type, shield termination is crimp type. Supplied as unassembled kit with instruction sheet.

PART NUMBER

Coax Cable	Pin Part Number		Socket Part Number		A Hex Crimp	
	With Sealing Boot	No Sealing Boot	With Sealing Boot	No Sealing Boot	in	mm
M17/152-00001 (RG316-DS)	852-149-01F	852-149-01	852-148-01F	852-148-01	.128	3.3
M17/113-RG316	852-149-02F	852-149-02	852-148-02F	852-148-02	.128	3.3
M17/060-RG142						
M17/128-RG400	852-149-03F	852-149-03	852-148-03F	852-148-03	.213	5.4
962-009-200 (Glenair)						
M17/28-RG58	852-149-04F	852-149-04	852-148-04F	852-148-04	.213	5.4
M17/220-0001	852-149-05F	852-149-05	852-148-05F	852-148-05	.213	5.4

CONNECTOR COMPATIBILITY

- Series 795 connectors with size 8 contact cavities
- Series 806 connectors with size 8 contact cavities

CONSTRUCTION

- Center contact, body, retainer, clamp nut: copper alloy, gold over nickel plating
- Front and rear dielectric: fluoropolymer
- Sealing boot: fluorosilicone rubber, glass-filled thermoplastic

SPECIFICATIONS

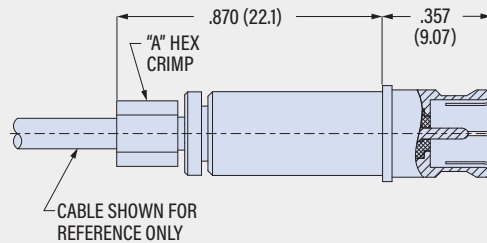
- Operating temperature: -65 °C to +200 °C
- VSWR: 1.25:1 max. @ 6 GHz
- Impedance: 50 ohms
- Dielectric withstanding voltage: 1300 Vac rms at sea level, 250 Vac at 50,000 feet
- Current rating: 1 ampere
- Durability: 500 mating cycles

REMOVAL TOOL

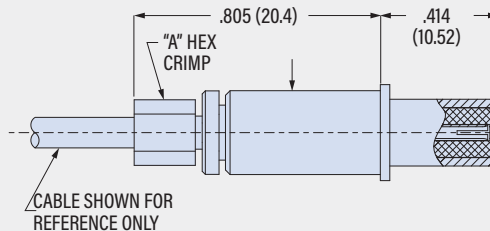
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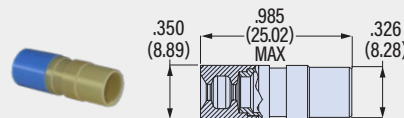
852-148 SOCKET CONTACT



852-149 PIN CONTACT



SEALING BOOT



Slide boot over cable, rubber end first, before terminating cable to contact. Install wired contact into connector, then slide boot into connector grommet to provide moisture seal.

Part Number	Cable Range
859-042-01	.090/.130 (2.3/3.3)
859-042-02	.130/.170 (3.3/4.3)
859-042-03	.170/.205 (4.3/5.2)

CRIMP TOOLS

Center contact is solder termination, no crimp tool is necessary. Terminate cable braid to contact with hand crimp tool and hex die set.



Tool	Part Number
Crimp Tool	809-129 (M22520/5-01)
Die Set, .128 Hex	809-130 (M22520/5-03)
Die Set, .213 Hex	859-051 (M22520/5-05)

852-152
852-071

- Size 8
- 50 Ohm
- 18 GHz BMB Style
- Fits Series 795 RF Connectors
- Spring-Loaded
- Solder Termination

COAX CONTACTS



Pin Contact



Socket Contact

18 GHz. Spring-loaded BMB interface. 50 ohm. Size 8. Snap-in, rear release coax contacts fit Glenair Series 795 and Series 806 RF connectors with size 8 contact cavities. 50 ohm nominal impedance. DC - 18 GHz frequency range. Solder termination. Supplied as unassembled kit with sealing boot and instruction sheet.

PART NUMBER				
Coax Cable	Pin Contact		Socket Contact	
	With Sealing Boot	No Sealing Boot	With Sealing Boot	No Sealing Boot
RG-402 Flex 962-010-402 (Glenair)	852-071-01F	852-071-01	852-152-01F	852-152-01
M17/60-RG142	852-071-02F	852-071-02	852-152-02F	852-152-02
LL142 (Harbour Industries) 962-009-200 (Glenair)	852-071-03F	852-071-03	852-152-03F	852-152-03
LMR-240 (Times Microwave) 7808 (Belden)	852-071-04F	852-071-04	852-152-04F	852-152-04
RG-405 Flex 962-010-405 (Glenair)	852-071-05F	852-071-05	852-152-05F	852-152-05
047 Flexible 962-014-047 (Glenair)	852-071-06F	852-071-06	852-152-06F	852-152-06
HP120s (Semflex) 962-008-120 (Glenair)	852-071-07F	852-071-07	852-152-07F	852-152-07
962-009-160 (Glenair)	852-071-08F	852-071-08	852-152-08F	852-152-08
962-009-235 (Glenair)	852-071-09F	852-071-09	852-152-09F	852-152-09

CONNECTOR COMPATIBILITY

- Series 795 connectors with size 8 contact cavities

CONSTRUCTION

- Center contact, body: copper alloy, gold over nickel plating
- Dielectric: fluoropolymer
- Socket contact outer sleeve: SST, passivated
- Socket contact spring: SST, passivated
- Sealing boot: fluorosilicone rubber grommet, glass-filled thermoplastic follower

SPECIFICATIONS

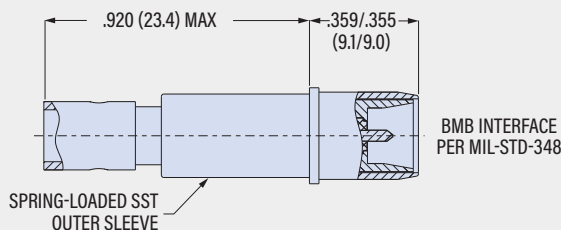
- Operating temperature: -55 °C to +125 °C
- Dielectric withstanding voltage: 1000 Vac rms
- Frequency range: DC - 18 GHz
- VSWR: 1.45 max.
- Impedance: 50 ohms
- Insertion loss: .05 dB @ 400 MHz, above 1 GHz: 0.06 x √(Freq in GHz)
- Durability: 500 mating cycles

REMOVAL TOOL

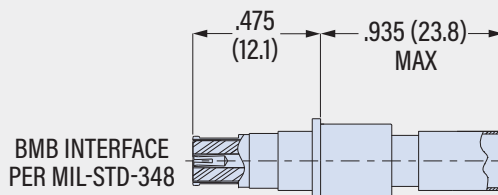
859-022
(M81969/14-06)



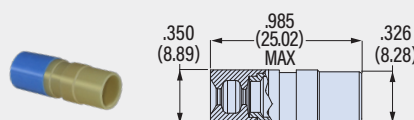
852-152 SOCKET CONTACT



852-071 PIN CONTACT



SEALING BOOT



Part Number	Cable Range
859-042-01	.090/.130 (2.3/3.3)
859-042-02	.130/.170 (3.3/4.3)
859-042-03	.170/.205 (4.3/5.2)

852-150 852-151

- Size 8
- 75 Ohm
- 4 GHz
- Fits Series 795, 806 RF Connectors
- Crimp Termination



Pin Contact



Socket Contact

Low loss. 75 ohm. Size 8. Snap-in, rear release coax contacts fit Glenair Series 795 and Series 806 connectors with size 8 contact cavities. 75 ohm nominal impedance. DC - 4 GHz frequency range. Crimp termination. Supplied as unassembled kit with assembly instruction sheet.

Coax Cable	Pin Part Number		Socket Part Number		A Hex Crimp	
	With Sealing Boot	No Sealing Boot	With Sealing Boot	No Sealing Boot	in	mm
V75268, V76261, V73263 <i>(PIC™ Wire and Cable)</i>	852-151-01F	852-151-01	852-150-01F	852-150-01	.218	5.3
M17/94-RG179	852-151-02F	852-151-02	852-150-02F	852-150-02	.128	3.3
V78209 <i>(PIC™ Wire and Cable)</i>	852-151-03F	852-151-3	852-150-03F	852-150-3	.231	5.9
LMR-240-75 <i>(Times Microwave)</i>	NOT AVAILABLE	852-151-4	NOT AVAILABLE	852-150-4	.231	5.9

CONNECTOR COMPATIBILITY

- Series 795 connectors with size 8 contact cavities
- Series 806 connectors with size 8 contact cavities

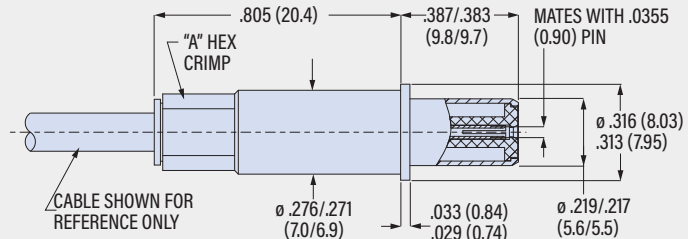
CONSTRUCTION

- Center contact, body, retainer, clamp nut, ferrule: copper alloy, gold over nickel plating
- Dielectrics: fluoropolymer
- Sealing boot: fluorosilicone rubber, glass-filled thermoplastic

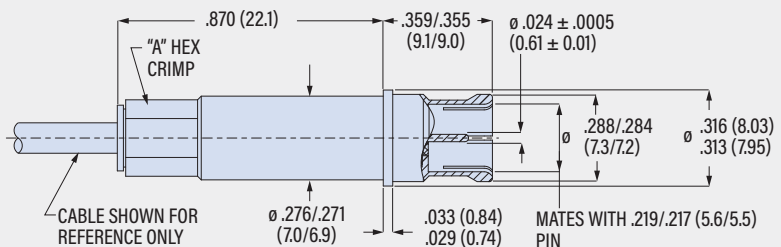
SPECIFICATIONS

- Operating temperature: -65 °C to +200 °C
- VSWR: 1.25:1 max. @ 4 GHz
- Impedance: 75 ohm nominal
- Dielectric withstanding voltage: 500 Vac rms at sea level
- Current rating: 1 ampere
- Durability: 500 mating cycles

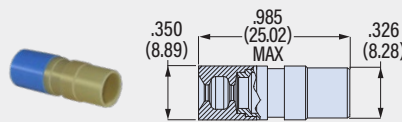
852-151 PIN CONTACT



852-150 SOCKET CONTACT



SEALING BOOT



Slide boot over cable, rubber end first, before terminating cable to contact. Install wired contact into connector, then slide boot into connector grommet to provide moisture seal.

Part Number	Cable Range
859-042-01	.090/.130 (2.3/3.3)
859-042-02	.130/.170 (3.3/4.3)
859-042-03	.170/.205 (4.3/5.2)

ASSEMBLY TOOLS

Inner Contact	
Crimp Tool 809-015 (M22520/2-01)	Positioner 859-072 (M22520/2-37)
Shield Ferrule	
Crimp Tool 809-129 (M22520/5-01)	Hex Die .105 and .128 Hex 809-130 (M22520/5-03) .218 and .231 Hex 859-047 (M22520/5-45)
Extraction Tool	
859-022 (M81969/14-06)	

COAX CONTACTS

RF, Microwave, and mmWave Interconnects Coax Contacts

For Multi-Port Military/Aerospace Connectors



852-015
852-016

852-017
852-018

852-019
852-037

- Size 12
- 50 Ohm
- 3 GHz

COAX CONTACTS



Pin Contact

Socket Contact

CONNECTOR COMPATIBILITY

- MIL-DTL-38999 Series I, II, III, IV
- Series 790 & 791 Micro-Crimp
- Series 80 Mighty Mouse
- Series 23 SuperNine
- Series 806 Mil-Aero

CONSTRUCTION

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

SPECIFICATIONS

- 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 at sea level
- Current rating: 1 ampere
- Durability: 500 mating cycles

ASSEMBLY TOOLS

852-015, 852-016 Inner Contact

Crimp Tool
809-128
(MH992)



Positioner
859-006
(KI721)



852-019 Inner Contact

Crimp Tool
809-015
(M22520/2-01)



Positioner
859-123
(KI457)



852-015, -016, -019 Shield Ferrule

Crimp Tool
809-129
(M22520/5-01)



Hex Die
809-130
(M22520/5-03)



Insertion/Extraction Tool

809-132
(M81868/14-04)

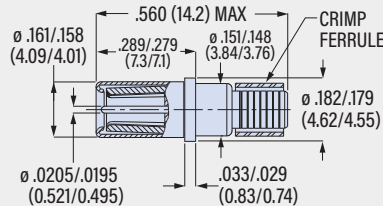


Low loss. 50 ohm. Size 12. Snap-in, rear release coax contacts fit MIL-DTL-38999 connectors and Glenair connectors with size 12 contact cavities. 50 ohm nominal impedance. DC - 3 GHz frequency range. 852-015, -016, -019 are crimp termination, 852-017, -018, -037 are solder termination. Supplied unassembled with instruction sheet.

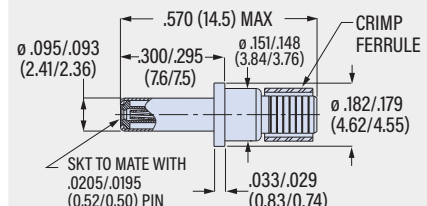
PART NUMBER

Coax Cable	Pin Contact	Socket Contact	
	<ul style="list-style-type: none"> ■ Series 233, 234 ■ Series 790, 791 ■ Series 80 ■ Series 806 ■ M38999 I, II, III, IV 	<ul style="list-style-type: none"> ■ Series 790, 791 ■ Series 80 ■ Series 806 ■ M38999 Series I, III, IV ■ Series 233, 234 	<ul style="list-style-type: none"> ■ Series 790, 791 ■ Series 80 ■ Series 806 ■ M38999 Series II
M17/113-RG316	852-016-01	852-019-01	852-015-01
M17/152-00001 RG316DS	852-016-02	852-019-02	852-015-02
M17-93-RG178	852-016-03	852-019-03	852-015-03
RG405-FLEX	852-018	852-037	852-017
962-010-405 (Glenair)			

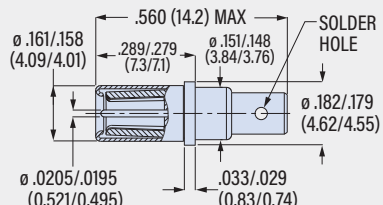
852-015 SOCKET



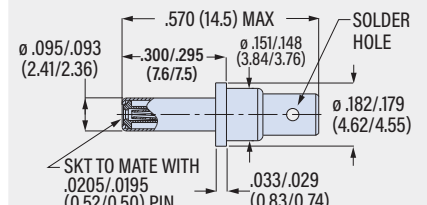
852-016 PIN



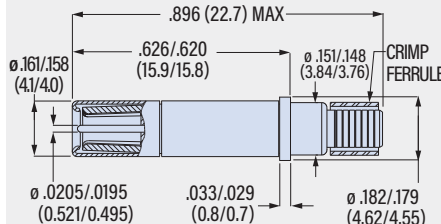
852-017 SOCKET



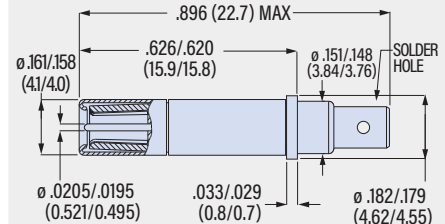
852-018 PIN



852-019 SOCKET



852-037 SOCKET



Coax Contacts

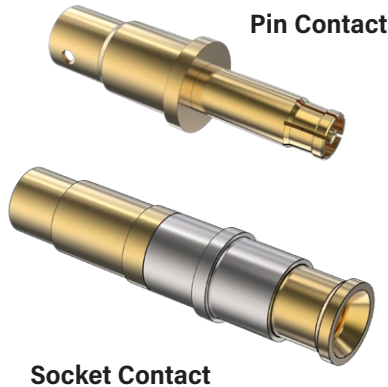
For Multi-Port Military/Aerospace Connectors



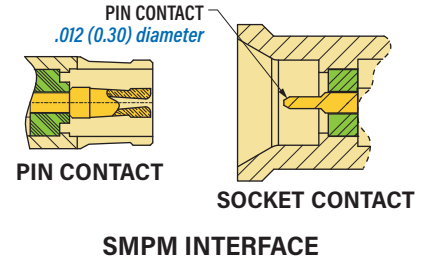
852-099 **852-154**
852-100

- Size 12
- 50 Ohm
- 40 GHz
- SMPM-Style
- Spring-Loaded
- Solder Termination

40 GHz SMPM



40 GHz. SMPM interface. 50 ohm. Size 12. Snap-in, rear release coax contacts fit Glenair connectors with size 12 contact cavities. Socket contact is spring-loaded for consistent contact engagement and low insertion loss through 40 GHz.



COAX CONTACTS

CONNECTOR COMPATIBILITY

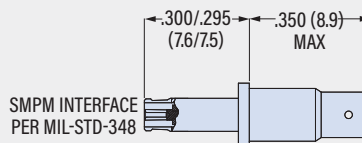
- Series 795
- Series 23 SuperNine
- Series 806 RF Mil-Aero

PART NUMBER			
	Pin Contact	Socket Contact	
Coax Cable	<ul style="list-style-type: none"> ■ Series 795 ■ Series 806 RF ■ Series 233, 234 	<ul style="list-style-type: none"> ■ Series 233, 234 	<ul style="list-style-type: none"> ■ Series 795 ■ Series 806 RF ■ M38999 Series II
RG-405 Flex 962-010-405 (Glenair)	852-099-01	852-154-01	852-100-01
HP120s (Semflex)	852-099-02	852-154-02	852-100-02
1001935047 (Molex)	852-099-03	852-154-03	852-100-03

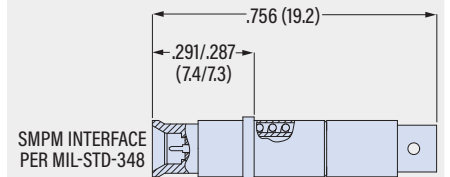
CONSTRUCTION

- Center contact, body, ferrule: copper alloy, gold over nickel plating
- Front insulator: fluoropolymer
- Dielectric Stop: thermoplastic
- Outer body, floating, socket contact: SST, passivated
- Spring, socket contact: SST, passivated

852-099 PIN CONTACT



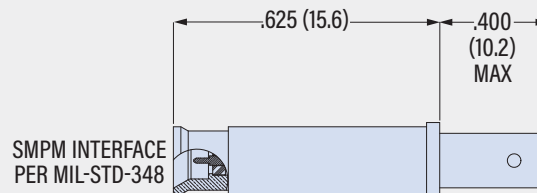
852-100 SOCKET CONTACT



SPECIFICATIONS

- Operating temperature: -55 °C to +125 °C
- Frequency range: DC - 40 GHz
- Impedance: 50 ohms
- VSWR DC - 26.5 GHz: 1.21:1
- VSWR 26.5 - 40 GHz: 1.31:1
- Insertion loss: .03 X √ Freq. in GHz
- Dielectric withstanding voltage: 325 Vac rms
- Insulation resistance: 5,000 megohms
- Durability: 500 mating cycles

852-154 SOCKET CONTACT

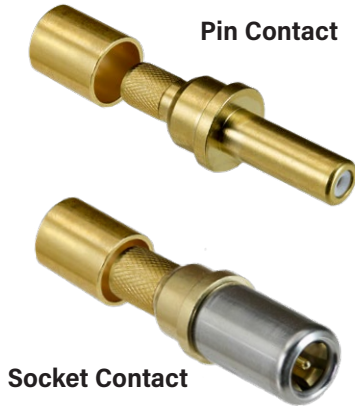


852-103
852-104

852-106

- Size 12
- 75 Ohm
- 3 GHz

COAX CONTACTS



Low loss. 75 ohm. Size 12. Snap-in, rear release coax contacts fit MIL-DTL-38999 connectors and Glenair connectors with size 12 contact cavities. 75 ohm nominal impedance. DC - 3 GHz frequency range. Crimp termination. Supplied unassembled with instruction sheet.

PART NUMBER			
	Pin Contact	Socket Contact	
	<ul style="list-style-type: none"> ■ Series 790, 791 ■ Series 80 ■ Series 806 ■ M38999 I, II, III, IV ■ Series 233, 234 	<ul style="list-style-type: none"> ■ M38999 Ser. I, III, IV ■ Series 233, 234 	<ul style="list-style-type: none"> ■ Series 790, 791 ■ Series 80 ■ Series 806 ■ M38999 Series II
Coax Cable V75268, V76261, V73263 (PIC Wire and Cable)	852-103-01	852-106-01	852-104-01
M17/94-RG179	852-103-02	852-106-02	852-104-02

CONNECTOR COMPATIBILITY

- MIL-DTL-38999 Series I, II, III, IV
- Series 790 & 791 Micro-Crimp
- Series 80 Mighty Mouse
- Series 23 SuperNine
- Series 806 Mil-Aero

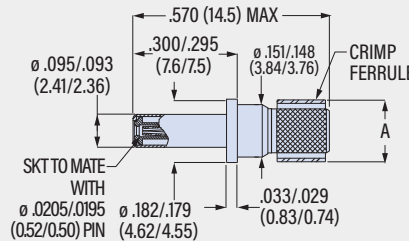
CONSTRUCTION

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

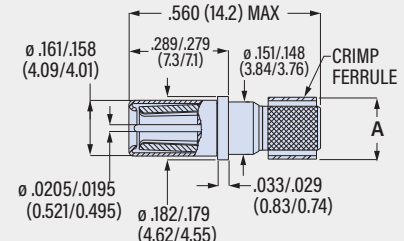
SPECIFICATIONS

- Operating temperature: -65 °C to +200 °C
- VSWR: 1.25:1 max. @ 3 GHz
- Impedance: 75 ohms
- Dielectric withstanding voltage: 500 Vac rms
- Current rating: 1 ampere
- Durability: 500 mating cycles

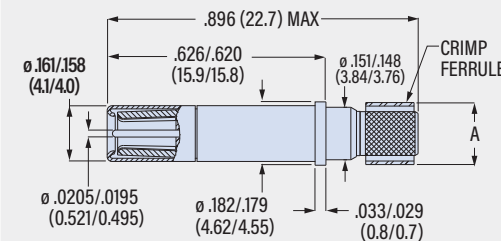
852-103 PIN



852-104 SOCKET



852-106 SOCKET



A DIMENSION

Part Number	Crimp Ferrule
852-103-01	.156 (4.0) Max Round
852-103-02	.128 (3.3) Hex
852-104-01	.156 (4.0) Max Round
852-104-02	.128 (3.3) Hex
852-106-01	.156 (4.0) Max Round
852-106-02	.128 (3.3) Hex

ASSEMBLY TOOLS

Inner Contact Crimp Tool		Shield Crimp Tool	
852-103-01/-02, 852-104-01/-02		852-103-01, 852-104-01, 852-106-01	
Crimp Tool 809-128 (MH992)	Positioner 859-006 (K1721)	Crimp Tool 809-133 (M22520/31-01)	Positioner 859-128 (GP959)
852-106-01		852-103-02, 852-104-02, 852-106-02	
Crimp Tool 809-128 (MH992)	Positioner 859-167 (K2019)	Crimp Tool 809-129 (M22520/5-01)	Hex Die 809-130 (M22520/5-03)
852-106-02		Insertion/Extraction Tool	
Crimp Tool 809-015 (M22520/2-01)	Positioner 859-050 (M22520/2-31)	809-132 (M81868/14-04)	

Coax Contacts

For Multi-Port Military/Aerospace Connectors

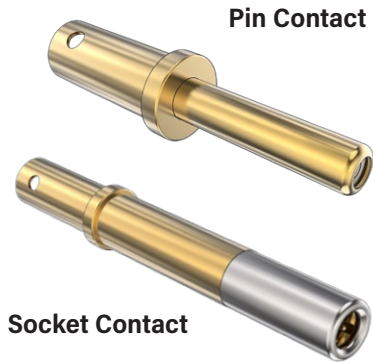


852-130
852-131

852-251

- Size 16
- 50 Ohm

- Solder Termination
- 4 GHz



Pin Contact

Socket Contact

4 GHz, 50 ohm, Size 16. Snap-in, rear release coax contacts fit MIL-DTL-38999 connectors and Glenair connectors with size 16 contact cavities. Solder termination. Supplied unassembled with assembly instructions.

PART NUMBER			
	Pin Contact	Socket Contact	
	<ul style="list-style-type: none"> ■ Series 790, 791 ■ Series 80 ■ Series 806 ■ M38999 I, II, III, IV ■ Series 233, 234 	<ul style="list-style-type: none"> ■ Series 790, 791 ■ Series 80 ■ Series 806 ■ M38999 Series II 	
Coax Cable		<ul style="list-style-type: none"> ■ M38999 Ser. I, III, IV ■ Series 233, 234 	
RG405-FLEX 962-010-405 (Glenair)	852-130-01	852-131-01	852-251-01
M17-93-RG178	852-130-02	852-131-02	852-251-02

COAX CONTACTS

CONNECTOR COMPATIBILITY

- MIL-DTL-38999 Series I, II, III, IV
- Series 790 & 791 Micro-Crimp
- Series 80 Mighty Mouse
- Series 23 SuperNine
- Series 806 Mil-Aero

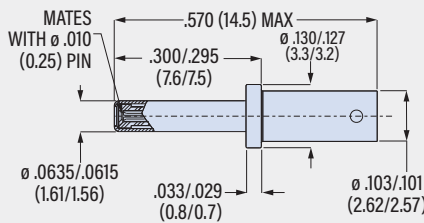
CONSTRUCTION

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

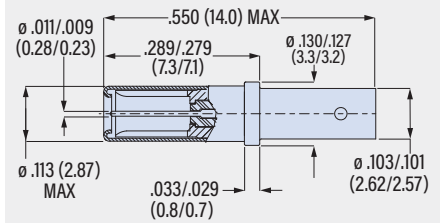
SPECIFICATIONS

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

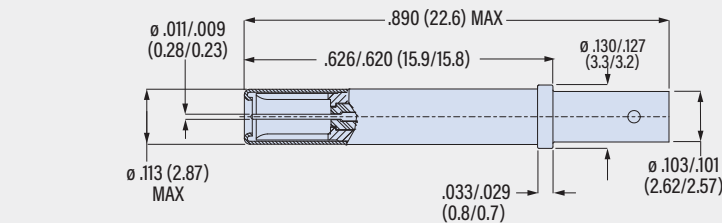
852-130 PIN



852-251 SOCKET



852-131 SOCKET



Coax Contacts

For Multi-Port Military/Aerospace Connectors



852-133
852-134

852-159

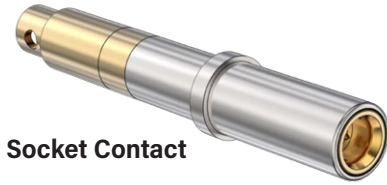
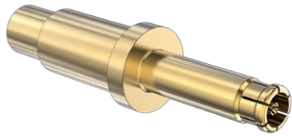
- Size 16
- 50 Ohm
- 65 GHz

- SMPS Style
- Spring-Loaded
- Solder Termination

COAX CONTACTS

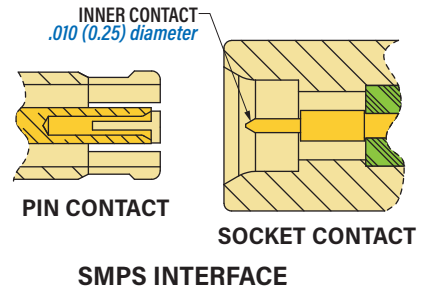
65 GHz SMPS

Pin Contact



Socket Contact

65 GHz. SMPS interface. 50 ohm. Size 16. Snap-in, rear release coax contacts fit Glenair connectors with size 16 contact cavities. 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.



CONNECTOR COMPATIBILITY

- Series 795
- Series 23 SuperNine
- Series 806 RF Mil-Aero

CONSTRUCTION

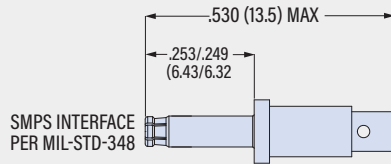
- Center contact, body, ferrule: copper alloy, gold over nickel plating
- Dielectrics: fluoropolymer
- Outer body, floating, male contact: SST, passivated
- Spring, male contact: SST, passivated

SPECIFICATIONS

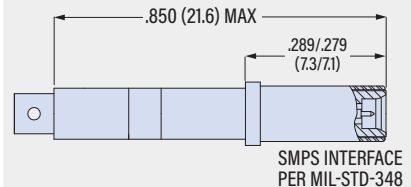
- Operating temperature: -55 °C to +125 °C
- Frequency range: DC - 65 GHz
- Impedance: 50 ohms
- VSWR: 1.50:1
- Dielectric withstanding voltage: 250 Vac rms
- Insulation resistance: 5,000 megohms
- Durability: 500 mating cycles

PART NUMBER			
	Pin Contact	Socket Contact	
Coax Cable	<ul style="list-style-type: none"> ■ Series 795 ■ Series 806 RF ■ Series 233, 234 	<ul style="list-style-type: none"> ■ Series 233, 234 	<ul style="list-style-type: none"> ■ Series 795 ■ Series 806 RF
.047 S/R or Flexible 962-014 (Glenair) 1000671047 (Temp-Flex)	852-133-01	852-134-01	852-159-01

852-133 PIN



852-159 SOCKET



852-134 SOCKET

