

**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 <i>(RG316-DS)</i>	<a href="#">852-031-01F</a>	<a href="#">852-031-01</a>	<a href="#">852-030-01F</a>	<a href="#">852-030-01</a>	.128	3.3
M17/113-RG316	<a href="#">852-031-02F</a>	<a href="#">852-031-02</a>	<a href="#">852-030-02F</a>	<a href="#">852-030-02</a>	.128	3.3
M17/060-RG142 M17/128-RG400 962-009-200 <i>(Glenair)</i>	<a href="#">852-031-03F</a>	<a href="#">852-031-03</a>	<a href="#">852-030-03F</a>	<a href="#">852-030-03</a>	.218	5.5
M17/28-RG58	<a href="#">852-031-04F</a>	<a href="#">852-031-04</a>	<a href="#">852-030-04F</a>	<a href="#">852-030-04</a>	.218	5.5
M17/220-0001	<a href="#">852-043F</a>	<a href="#">852-043</a>	<a href="#">852-042F</a>	<a href="#">852-042</a>	.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

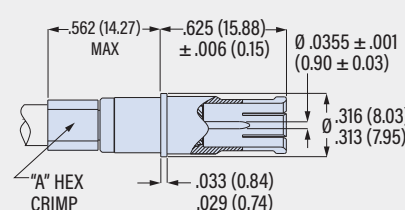
- Operating temperature: -65 °C to +200 °C
- VSWR: 1.25:1 max. @ 6 GHz
- Impedance: 50 ohm nominal
- Dielectric withstanding voltage: 1300 Vac rms at sea level, 250 Vac at 50,000 feet
- Current rating: 1 ampere
- Durability: 500 mating cycles

### REMOVAL TOOL

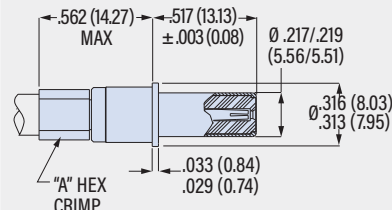
[859-022](#)  
(M81969/14-06)



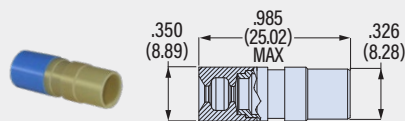
### 852-030, 852-042 SOCKET



### 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
<a href="#">859-042-01</a>	.090/.130 (2.3/3.3)
<a href="#">859-042-02</a>	.130/.170 (3.3/4.3)
<a href="#">859-042-03</a>	.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	<a href="#">809-129</a> (M22520/5-01)
Die Set, .128 Hex	<a href="#">809-130</a> (M22520/5-03)
Die Set, .213 Hex	<a href="#">859-051</a> (M22520/5-05)
Die Set, .218 Hex	<a href="#">859-007</a> (M22520/5-45)