

**21-33651-22 (PIN)**  
**21-33650-22 (SOCKET)**

Contact, Pin and Socket, Coaxial,  
 Type LJT-R & TV-R, (MIL-C-38999 Series I & III) Crimp, Size 12  
 Installation Instructions

See table on reverse side for coaxial cable recommended and crimp tool information.

NOTE: Contacts are designed to terminate the inner coaxial portion of triax cable SFT-316-TR. Strip back a sufficient length of the outer cable jacket and outer round braid to expose the inner coaxial portion of the cable.

- A. 1. Slide outer crimp ferrule over cable inner jacket as shown.  
 2. Strip cable inner jacket and inner flat braid as illustrated. Ends must be cut cleanly and at right angles to the axial plane of the cable. The cable must not be deformed while making cuts.  
 3. Carefully unravel and flare the inner flat braid as shown. Strip cable dielectric as shown.
- B. 1. Assemble inner contact assembly over cable center conductor and cable dielectric until inside bore of bushing butts against cable dielectric.  
 2. Cable center conductor must be visible through the inspection hole in the inner contact wire well.  
 3. Crimp inner contact wire well using crimp tool listed in table.
- C. 1. Carefully slide outer contact assembly over inner contact assembly and under cable inner flat braid until inner contact butts against insulator shoulder as illustrated. (Inner contact assembly will snap into the locked position when fully assembled inside the outer contact assembly).  
 2. Bring outer crimp ferrule forward over cable inner flat braid as illustrated. (Continue to push the inner contact assembly fully forward while bringing the outer crimp ferrule into position).  
 3. Crimp outer crimp ferrule using crimp tool listed in table. (.156 Max. over ferrule after crimping). Trim excess braid ahead of crimp ferrule, if necessary.

**CONTACT INSERTION INTO CONNECTOR**

Using insertion tool (part number M81969/8-09 or M81969/14-04), insert contact assembly into rear connector grommet hole. Contact must be aligned with hole and not inserted at an angle. Push forward until contact is felt to snap into position within insert. Remove tool.

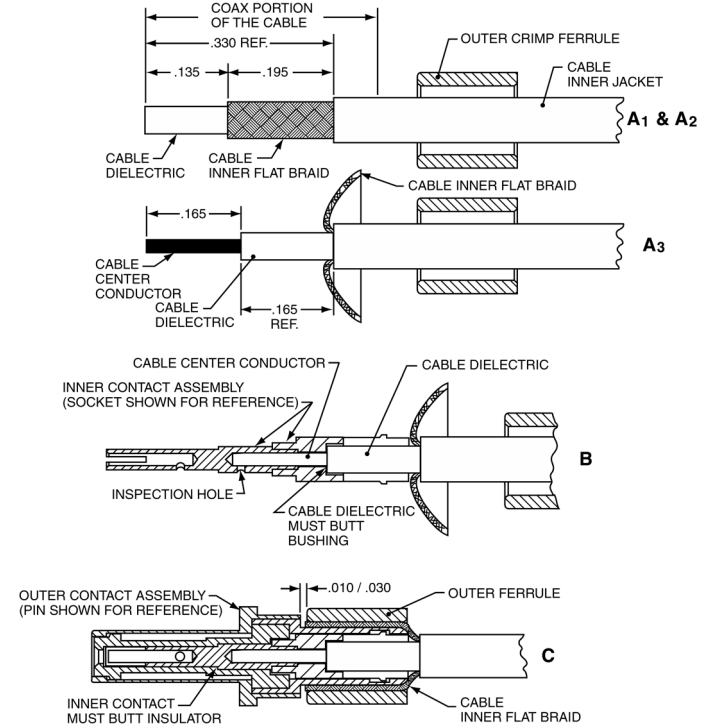
**CONTACT REMOVAL FROM CONNECTOR**

Position removal tool (part number M81969/8-10 or M81969/14-04) around cable and slide tool down wire until tool tips enter rear grommet and come to a positive stop. Hold tool tip firmly against positive stop on contact, grip wire and simultaneously remove tool, contact and cable.

L-2092-N  
 September 2003

FSCM77820

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**Amphenol Aerospace**

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Amphenol® Part Number	Description	Coaxial Cable Accommodated	Tools				
			Inner Contact			Outer Contact	
			Crimp Tool	Setting	Positioner (Daniels)	Tool	Positioner
21-33651-22	Size 12 Coax Pin	SFT-316-TR	MH992 (Daniels)	5	K1360	M22520/5-01	M22520/5-03 (A) or M22520/5-35 (B)
21-33650-22	Size 12 Coax Socket	SFT-316-TR	MH992 (Daniels)	5	K1360		