

21-33729-31 (SOCKET)  
 21-33651-31 (PIN)  
 21-33650-31 (SOCKET)

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

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

- A. 1. Slide outer crimp ferrule over cable outer jacket as shown.  
 2. Strip cable outer 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. Flare outer braid, cut off any inner braids, wraps or cable fillers as close to folded back outer braid as possible, then 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 outer 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 outer 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. Crimp once, rotate contact 45° and crimp a second time. (.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.

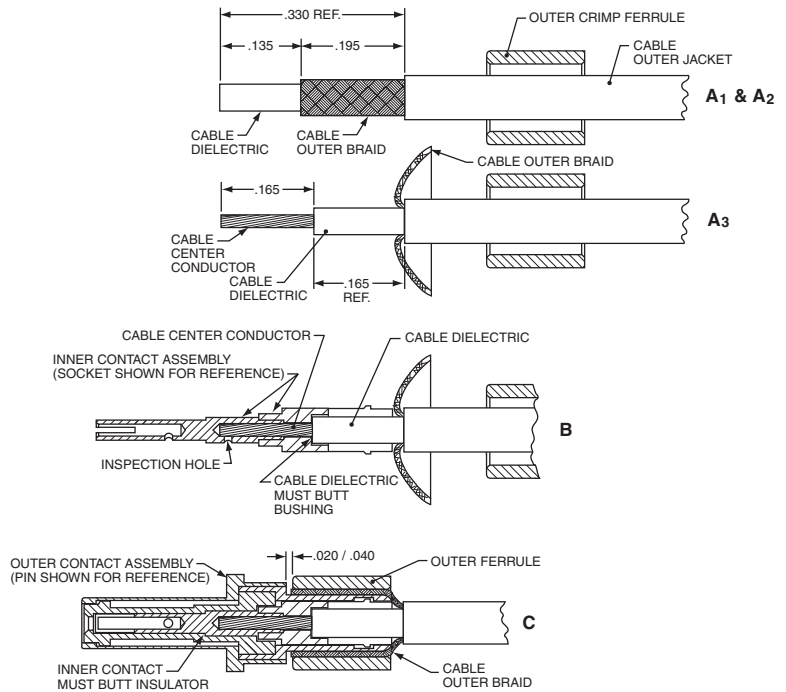
**CONTACT REMOVAL FROM CONNECTOR**

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.

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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
21-33729-31	Matched Impedance* Size 12 Coax Socket for M38999 Series II	PIC V73263	MH992 (Daniels)	5	K1360	M22520/31-01 or GS200 (Daniels)	M22520/31-02 or G2P330 (Daniels)
21-33651-31	Matched Impedance* Size 12 Coax Pin for M38999 Series I, II, III						
21-33650-31	Matched Impedance* Size 12 Coax Socket for M38999 Series I, III						

\*Matched Impedance applies when contacts are terminated to 75Ω cable only.

