

21-33909-23 (PIN)  
21-33908-23 (SOCKET)

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

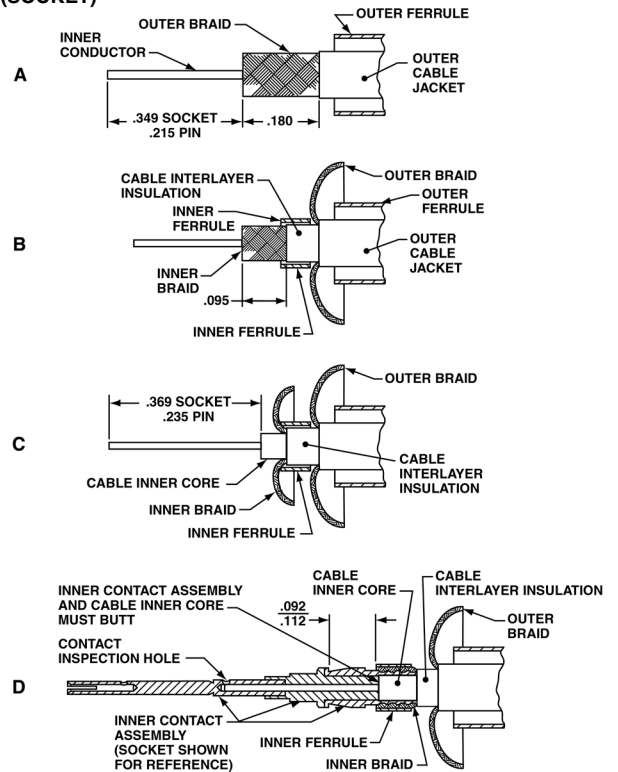
See table on reverse side for coaxial cable recommended and crimp tool information.

- A. 1. Assemble outer ferrule back over cable jacket, small diameter end first.  
2. Strip cable as illustrated. Ends must be cut cleanly and at right angles to the axial plane of the cable. Cable must not be deformed while making cuts.
- B. 1. Flair outer braid back as shown.  
2. Strip cable interlayer insulation as shown to expose inner braid.  
3. Assemble inner ferrule over cable interlayer insulation as shown.
- C. 1. Flair inner shield back over inner ferrule as shown.  
2. Strip cable inner core as shown.
- D. 1. Assemble inner contact assembly over cable center conductor until inner contact assembly butts against cable inner core. Cable center conductor must be visible through the inspection hole in the inner contact wire well.  
2. Crimp inner contact using tool and positioner listed in table on back.  
3. Form cable inner shield over inner contact assembly, then slide inner ferrule forward over inner shield as shown. Observe ferrule position dimension.  
4. Crimp inner ferrule using tool and positioner listed in table on back. Crimp once, rotate tool 45° and crimp a second time. (Diameter over ferrule .105 Max. after crimping. Rotate tool 45° and crimp again if necessary).
- E. 1. Slide outer contact assembly over inner contact assembly until inner contact assembly snaps into position inside the contact retention clips of the outer contact assembly.  
2. While pushing the inner contact assembly fully forward inside the outer contact, form the cable outer braid over the outer contact, and then slide the outer ferrule forward over the outer braid until the ferrule comes to a stop.  
3. Crimp the outer contact and ferrule using the tool and positioner listed in the table on back. Crimp once, rotate tool 45° and crimp a second time. (.156 Max. over ferrule after crimping. Crimp a third time if necessary).

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## Amphenol Aerospace

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Amphenol® Part Number	Description	Coaxial Cable Accommodated**	Tools					
			Inner Contact		Intermediate Contact		Outer Contact	
			Crimping Tool & Positioner	Setting	Crimping Tool	Positioner	Crimping Tool	Positioner
21-33909-23	Size 12 Triax Pin	GSC-03-81497-00	MH992 M22520/2-35	3	GS225 (Daniels)	GP1271 (Daniels)	GS200-1 (Daniels)	GP959 (Daniels)
21-33908-23	Size 12 Triax Socket	GSC-03-81497-00	MH992 M22520/2-35	3	GS225 (Daniels)	GP1271 (Daniels)	GS200-1 (Daniels)	GP959 (Daniels)

**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.

