

**10-587708-456 (PIN)**  
**10-587709-456 (SOCKET)**

Contact, Pin and Socket, Coaxial, Type TV-R, Crimp, Size 12  
Installation Instructions

See table on reverse side for coaxial cable recommended, crimp tool and insertion/removal tool information.

- A. 1. Slide outer crimp ferrule over cable outer jacket as shown.
2. Strip cable 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.
- B. 1. Flare outer braid as illustrated.
2. Assemble inner contact over cable center conductor until inner contact butts against cable core dielectric. 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 on back.
- C. 1. Carefully slide outer contact assembly over inner contact and under cable outer braid, until dielectric butts against insulator shoulder as illustrated.
2. Bring outer crimp ferrule forward over cable outer braid and observe .015 – .035 dimension. Trim excess braid ahead of crimp ferrule, if necessary.
3. Crimp outer crimp ferrule using crimp tool listed in table on back as follows: Crimp once, rotate the contact assembly 45° and crimp a second time. After crimping the second time, the diameter over the ferrule must not be greater than .156.

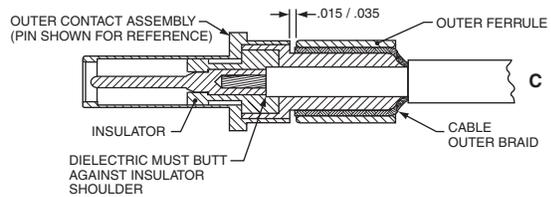
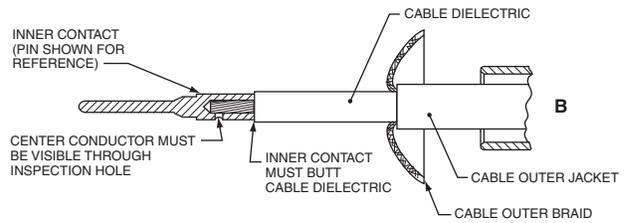
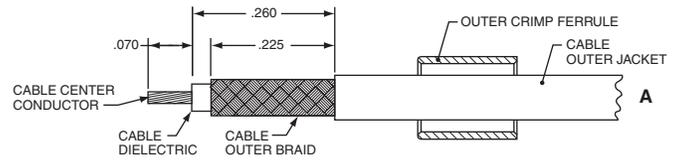
**CONTACT INSERTION INTO CONNECTOR**

Using insertion tool (see table on back), 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 (see table on back) around cable and slide tool down the wire until tool tips enter the 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**

Part Number	Coaxial Cable Accommodated	Tools			
		Inner Contact	Outer Contact		
		Crimp Tool	Crimp Tool	Insertion Tool	Removal Tool
10-587708-456	NRFC-75-COAX-6	10-589513-126	10-589514-126	10-589500-12	10-589501-12
10-587709-456	NRFC-75-COAX-6	10-589513-127	10-589514-126	10-589500-12	10-589501-12