

10-587708-553 (PIN)
 10-587709-553 (SOCKET)

Contact, Pin and Socket, Coaxial, Type TV-R, Crimp, Size 8
 Installation Instructions

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

- A. 1. Slide piggyback grommet seal over cable outer jacket as shown.
 2. Slide outer crimp ferrule over cable outer jacket as shown.
- B. 1. 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.
- C. 1. Flare outer braid as illustrated and unravel foil until the cable core dielectric is exposed. Cut off foil as close to outer braid as possible.
- D. 1. 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.
 2. Crimp inner contact wire well using crimp tool listed in table on back.
- E. 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 .010 - .035 dimension. Trim excess braid ahead of crimp ferrule.
 3. Crimp outer crimp ferrule using crimp tool listed in table on back. After crimping, the dimension over the crimp ferrule must not exceed .260.

CONTACT INSERTION INTO CONNECTOR

Using insertion tool listed in 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 with insert. Remove tool and tug slightly on cable to insure contact has properly seated. Slide the piggyback seal down the cable until the hard plastic portion comes to a firm butt inside the grommet cavity.

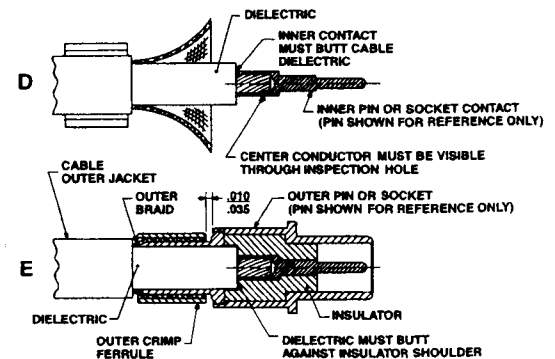
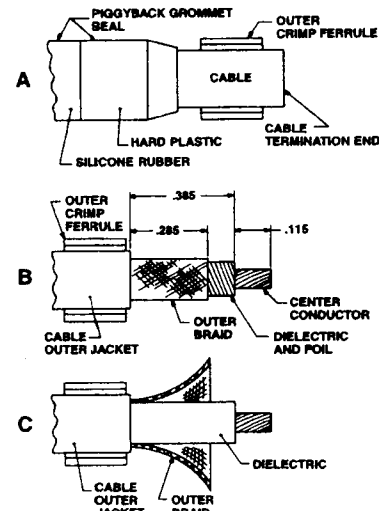
CONTACT REMOVAL FROM CONNECTOR

Slide the piggyback grommet seal up the cable and out of the connector grommet cavity. Position removal tool listed in table on back around the cable jacket and slide tool down the cable until tool tips enter the rear grommet and come to a positive stop. Hold the tool tip firmly against the positive stop on the contact and grip the cable jacket and simultaneously remove tool, contact and cable.

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Amphenol Aerospace

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Part Number	Coaxial Cable Accommodated	Tools			
		Inner Contact	Outer Contact		
		Crimp Tool	Crimp Tool	Insertion Tool	Removal Tool
10-587708-553	NRFC-50-COAX-3	10-589513-83	10-589514-83	10-589500-8	10-589501-8
10-587709-553	NRFC-50-COAX-3	10-589513-83	10-589514-83	10-589500-8	10-589501-8