

PROPER USE GUIDELINES

Cumulative Trauma Disorders can result from the prolonged use of manually powered hand tools. AMP hand tools are intended for occasional use and low volume applications. AMP offers a wide selection of powered application equipment for extended-use, production operations.

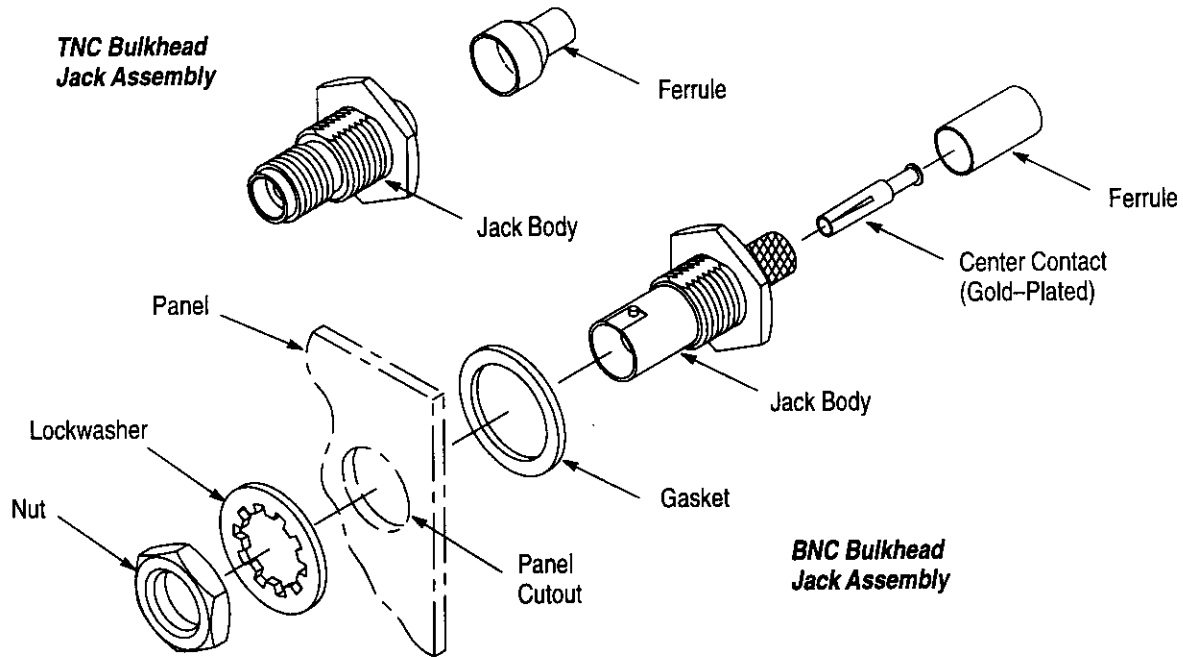


Figure 1

1. INTRODUCTION

This instruction sheet covers the assembly of AMP Commercial 50 Ohm BNC and TNC Bulkhead Jack Connectors. The connector is crimped onto various sizes of RG/U cable using AMP PRO-CRIMPER* II Frame Assembly 354940-1, which accepts interchangeable crimping die assemblies.

The AMP Customer Drawing provides die assembly part numbers for the frame assembly, product application requirements, cable selection, and product part number information. For information not listed, contact AMP at the Technical Assistance Center number shown below. Refer to instruction sheet 408-9930 for procedures concerning the operation of the frame assembly.

Read these instructions thoroughly before starting assembly.

NOTE

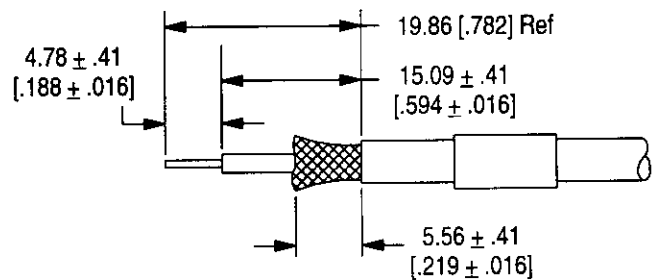
All dimensions on this document are in metric units [with U.S. customary units in brackets].

Reasons for reissue of this sheet are provided in Section 4, REVISION SUMMARY.

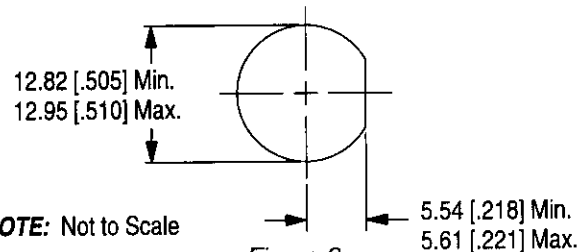
2. DESCRIPTION (Figure 2)

Each connector consists of a center contact, nut, lockwasher, jack body, gasket, and ferrule. Cable stripping dimensions are shown in Figure 2.

Recommended Strip Length



Recommended Panel Cutout



NOTE: Not to Scale

Figure 2

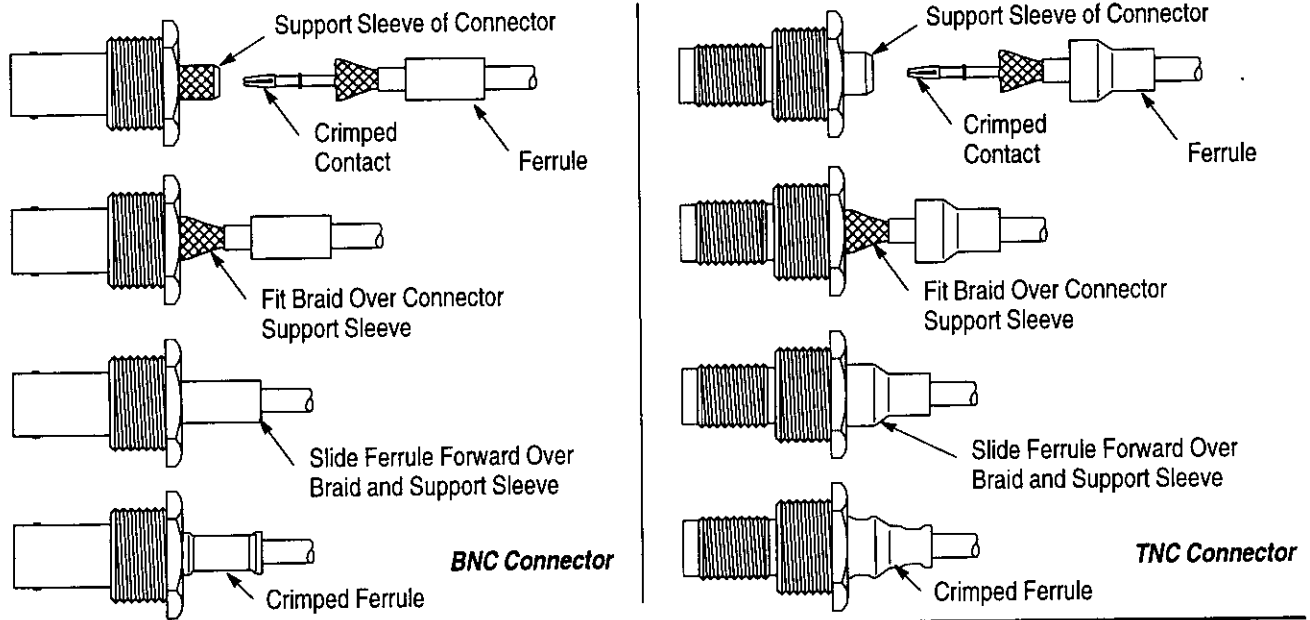


Figure 3

3. ASSEMBLY PROCEDURE

Determine the cable size for your application and select the appropriate connector. See Figure 3.

Proceed as follows:

1. Slide the ferrule onto cable and strip cable, according to the dimensions shown in Figure 2.

NOTE On connectors where tubing is provided, slide tubing over dielectric of cable before crimping contact.

2. Crimp center contact using the recommended crimping tool (referenced in AMP Catalog 82074); see Figure 3.
3. Insert contact into bulkhead jack connector until it bottoms, keeping the cable's braid over support sleeve of jack body. See Figure 3.
4. Slide ferrule forward over braid and support sleeve. See Figure 3.
5. Crimp ferrule with the appropriate tooling; see Figure 3. Refer to instruction sheet packaged with the tooling.

6. Using the dimensions shown in Figure 2, make the panel cutout; then insert the bulkhead connector into the panel, and secure connector with the nut and lockwasher. If using the insulating bushing, use panel cutout shown in Figure 4.

4. REVISION SUMMARY

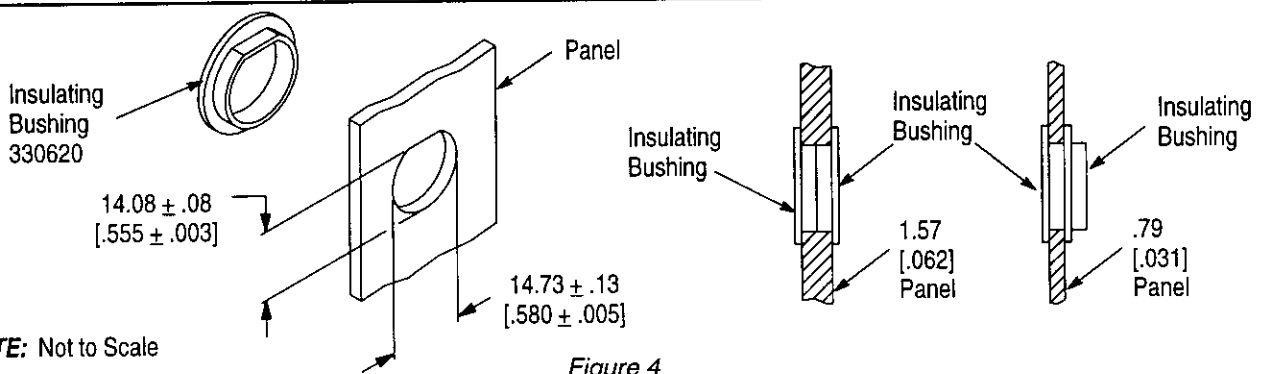
Since the previous release of this sheet, the following changes were made:

Per EC 0220-0172-95

- Added TNC parts and relocated BNC center contact in Figure 1
- Removed table of part numbers from Figure 1
- Revised strip length dimensions in Figure 2
- Added TNC Connectors to text and to Figure 3

Per EC0990-0252-93

- Updated format
- Added metric units
- Added Section 4, REVISION SUMMARY



NOTE: Not to Scale

Figure 4