

CABLE SIZE		BRAID AND CENTER-CONDCT TERMINAL	BRAID TERMINAL ONLY	PC BOARD THICKNESS	HAND CRIMPING TOOL	APPLICATOR
50-OHM	75-OHM					
RG 174, RG 187, RG 188, RG 316 or AMP 228482-1* (May be purchased from AMP Incorporated by Minimum Length — 500 ft)	RG 179 or AMP 228476-1** (May be purchased from AMP Incorporated by Minimum Length — 500 ft)	226177-2	226176-2	1/16 in.	220141-1	566133-1†† (Standard Applicator)
		--	226176-4† 226176-3††		220141-2 220141-1	-- 46612-2‡ (Mini-Applicator)
RG 180	RG 195	226174-2	226175-2		220150-2	566132-1†† (Standard Applicator)
		--	226175-5			--

\* EQUIVALENT TO RG 174 (Has Solid Center Conductor).  
\*\* EQUIVALENT TO RG 179 (Has Solid Center Conductor).  
† LOOSE-PIECE PARTS WITH PREFORMED TABS.

†† LEGS MUST BE BENT MANUALLY AFTER CRIMPING.  
‡ USED IN AMP-O-LECTRIC ★ MACHINE 565435-5.  
‡† USED IN AMP-O-LECTRIC MACHINE 1-471273-2.

**Fig. 1**

**NOTE** Cable crimp terminals supplied in strip form are intended for high-volume (machine) applications. Hand tools are recommended for maintenance and repair and, where applicable, to loose-piece terminations with preformed tabs.

**1. INTRODUCTION**

This Instruction Sheet (IS) covers the AMP Braid-Pic terminals listed in the chart in Figure 1. Assembly procedures and cable preparation, as well as crimping procedures, are provided.

**NOTE** All dimensions presented on this instruction sheet are in inches.

Read these instructions carefully before attempting to crimp any terminals.

**2. DESCRIPTION**

The AMP Braid-Pic terminals listed in Figure 1 are available in either two-piece or one-piece configuration (depending upon application requirements) and feature four integral lances in the wire barrel. The lances penetrate the cable braid during crimping to

provide redundant electrical contact. The terminals also feature an insulation crimp barrel, for additional stability, and a center-conductor contact (in specific applications).

The terminals listed in this IS are intended for printed circuit (pc) board application. The terminal tabs are bent 90° from the terminal and are installed in pre-drilled holes in the pc board where they are hand- or wave-soldered for permanent board attachment.

**NOTE** One- or two-piece terminals are used with coaxial cable having solid or stranded center conductors which are manually bent 90° to form pc board solder contacts.

**3. CABLE PREPARATION AND CRIMPING PROCEDURE**

**A. One-Piece Terminals**

1. Strip cable to dimensions shown in Figure 2.
2. Place stripped cable into braid barrel of terminal until braid is seated and outer insulation is seated in insulation barrel. See Figure 2.

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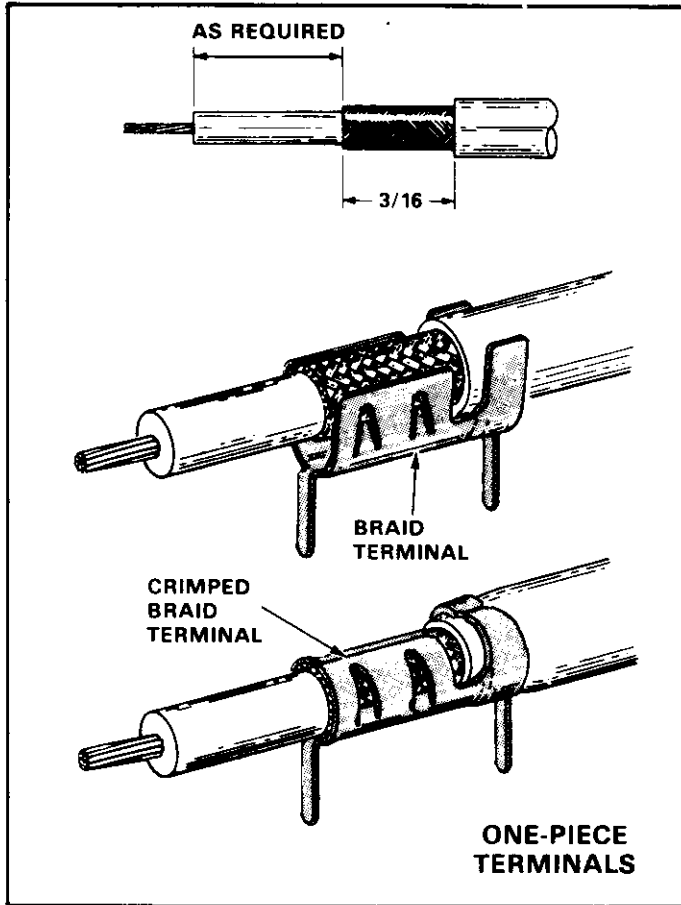


Fig. 2

3. Crimp terminals according to instructions packaged with crimping tool. See Figure 3.

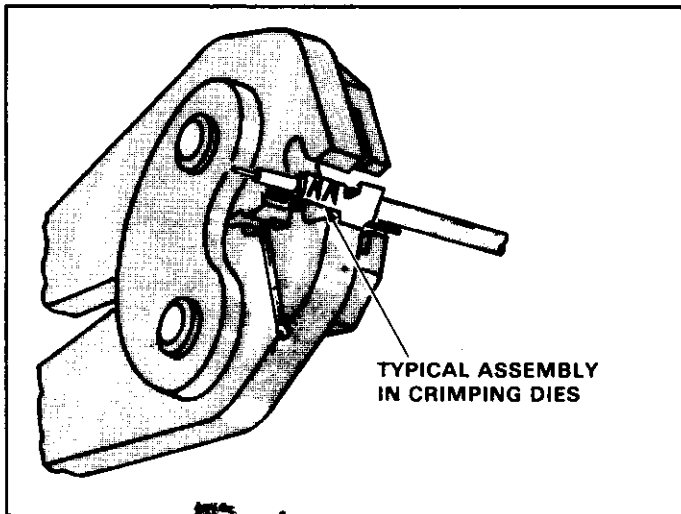


Fig. 3

4. Drill holes in pc board for tabs and center conductor as required. See Figure 4.

**B. Two-Piece Terminals**

These terminals are supplied in strip form and include two sections. For hand crimping tool termination, remove the parts from the strip. The smaller section (center-conductor terminal) is applied first. Braid

terminal is then applied to cable braid. Tabs are bent 90° after crimp is made on the braid termination. Tab on center-conductor terminal must be bent 90° prior to crimping since tab is used to locate terminal in crimping tool jaws.

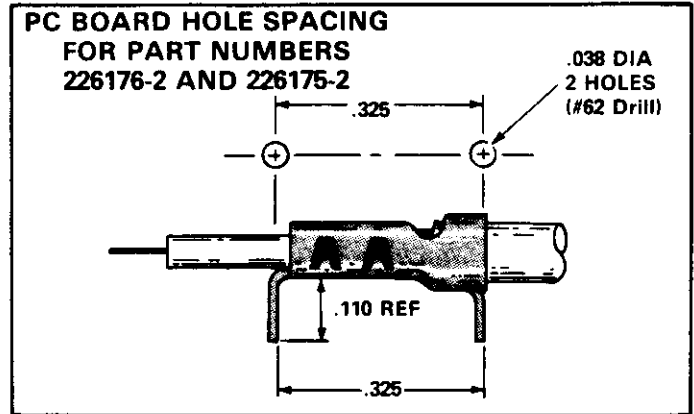


Fig. 4

1. Strip cable to dimensions shown in Figure 5.

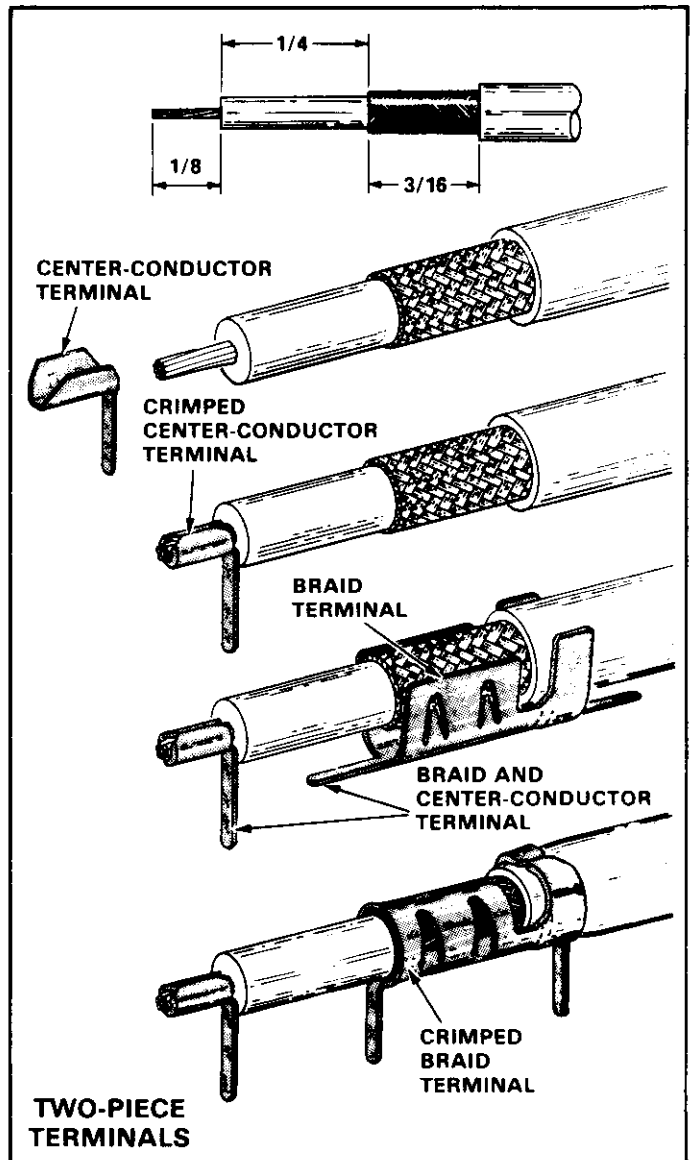


Fig. 5

2. Bend tab on center-conductor terminal 90°. See Figure 5.
3. Crimp center-conductor terminal according to instructions packaged with hand crimping tool. See Figure 6.

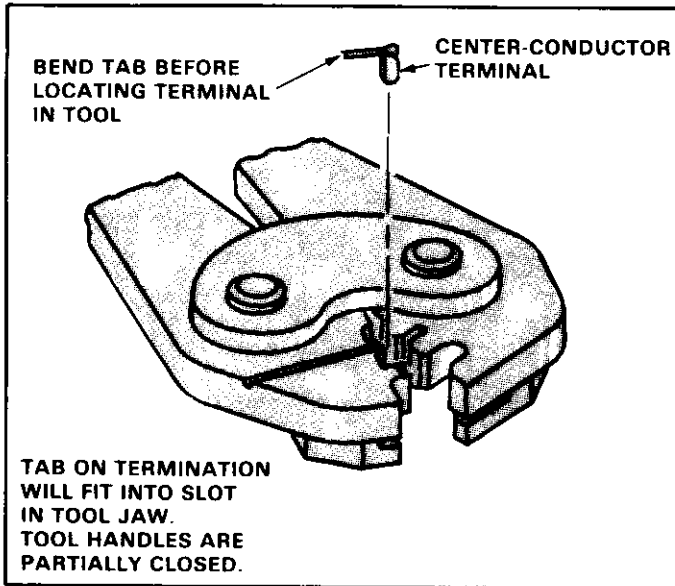


Fig. 6

4. Place cable with crimped center conductor into braid barrel of terminal in a straight downward motion until braid is seated and outer insulation is seated in insulation barrel. See Figure 5.
5. Crimp terminal according to instructions packaged with hand crimping tool.
6. Drill holes in pc board for center conductor and braid tabs as required. See Figure 7.

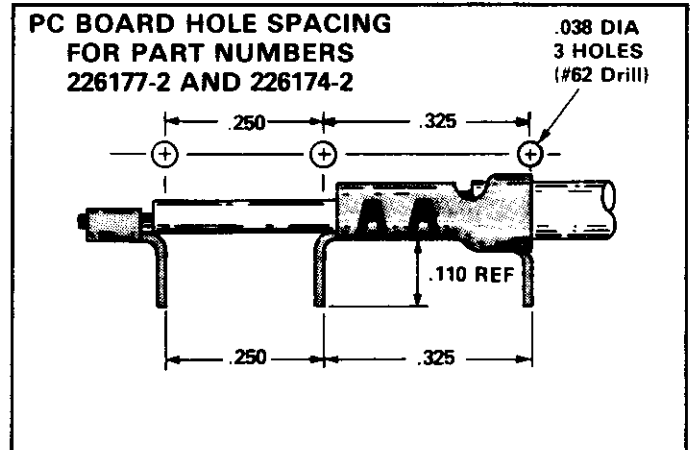


Fig. 7