

PROCESSOR TECHNOLOGY CORPORATION

Sol-PC SINGLE BOARD TERMINAL COMPUTERTM

SECTION III

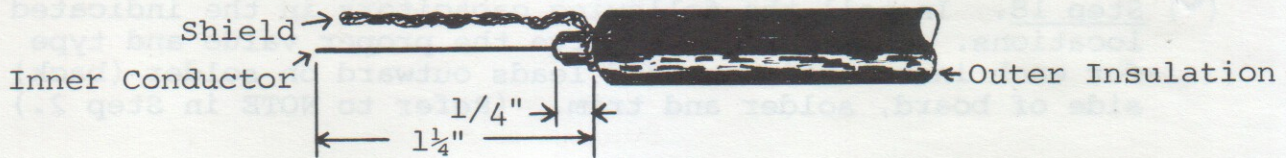


Figure 3-4. Coaxial cable preparation.

- (✓) Insert twisted shield in mounting hole P2, solder and trim. Using the two large holes to the right of VR1 and VR2, tie cable to board with tie wrap (see CAUTION below).

CAUTION

AFTER INSTALLATION, FINE BITS OF THE BRAID FROM THE SHIELD MAY WORK LOOSE AND FALL ONTO THE BOARD AND CREATE HARD-TO-FIND SHORT CIRCUITS. TO PREVENT THIS, COAT ALL EXPOSED BRAID WITH AN ADHESIVE AFTER SOLDERING AND TIEING. USE AN ADHESIVE SUCH AS SILICONE, CONTACT CEMENT OR FINGERNAIL POLISH. DO NOT USE WATER BASE ADHESIVES.

- (✓) Step 22. Install 6-position DIP switch in location S1 on left end of board. Position Switch No. 1 at the bottom.
- (✓) Step 23. Install 20-pin header in location J4 (video expansion connector) between U28 and U29. Position header so pin 1 is in the lower right corner. (An arrow on the connector points to pin 1.)
- (✓) Step 24. Install the following IC's in the indicated locations. Pay careful attention to the proper orientation.

NOTE

Dots on the assembly drawing and PC board indicate the location of pin 1 of each IC.

<u>IC NO.</u>	<u>TYPE</u>
(✓) U28	74LS163 or 25LS163
(✓) U31	74LS163 or 25LS163
(✓) U33	74LS163 or 25LS163
(✓) U40	74LS163 or 25LS163
(✓) U43	74LS109
(✓) U47	74LS10
(✓) U49	74LS04

(Step 24 continued on Page III-20.)