

PROCESSOR TECHNOLOGY CORPORATION

Sol-PC SINGLE BOARD TERMINAL COMPUTERTM

SECTION III

<u>LOCATION</u>	<u>VALUE</u>	<u>TYPE</u>
(✓) C39	.1 ufd	Disc
(✓) C43	680 pfd	Monolythic or Disc
(✓) C44	680 pfd	Monolythic or Disc
(✓) C61	.001 ufd	Disc
(✓) C62	.68 ufd	Monolythic
(✓) C63	.1 ufd	Disc
(✓) C64	10 pfd	Disc

- (✓) Step 11. Install 14.318 MHz crystal in its location just above C61. Insert leads and pull down until the case is 1/16" above the front surface of the board. Solder quickly and trim.
- (✓) Step 12. Install male locking Molex connector in location J10. Position connector so the pins are closer to the bottom edge of the board than they are to the crystal (XTAL), insert shorter pins in mounting holes and solder.
- (✓) Step 13. In the jumper area labeled CLK on the assembly drawing (between U90 and U91), install Augat pins in mounting holes A,B,C,D and E. (Refer to "Installing Augat Pins" in Appendix IV.) Using #24 bare wire, install a jumper between the A and B pins and another jumper between the D and E pins.
- (✓) Step 14. Install the following IC's in the indicated locations. Pay careful attention to the proper orientation. DO NOT SUBSTITUTE FOR ANY OF THESE IC's.

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>
(✓) U77	8T97
(✓) U90	74LS175 or 25LS175
(✓) U91	74H00
(✓) U92	74S04
(✓) U104*	AM0026 or DM0026*

*Solder this IC in its location.
See "Loading DIP Devices" in
Appendix IV.

- (✓) Step 15. Connect power to power connector J10. Power and interconnection requirements are as follows:

(Step 15 continued on Page III-14.)