

PROCESSOR TECHNOLOGY CORPORATION

Sol PERSONALITY MODULE

SECTION IV

4.1 PARTS AND COMPONENTS

Check all parts and components against the "Parts List", Table 4-1. If you have difficulty in identifying any parts by sight, refer to Figure 3-1 on Page III-5 in Section III of this manual.

Table 4-1. PM5204 Personality Module Parts List.

| | | | |
|---|---|---|----------------------------------|
| 1 | PM5204 PC Board | 2 | 1 ufd Capacitor, Tantalum Dipped |
| 2 | 5204 or 5204Q EPROM (U1 & U2) | | |
| 1 | 74LS155 (U5) | 1 | 16-pin DIP Socket |
| 9 | 10K ohm, $\frac{1}{4}$ watt, 5% Film Resistor | 2 | 24-pin DIP Socket |
| 1 | .047 ufd Capacitor, Disc Ceramic | 1 | Handle Bracket (Sol-1045) |
| | <u>MM 5204C</u> | 2 | 2-56xl/8 Binder Head Screw |

4.2 ASSEMBLY TIPS

For the most part the assembly tips given in Paragraph 3.2 of Section III (Page III-1) apply to assembling the personality module.

4.3 ASSEMBLY PRECAUTIONS

For the most part the assembly precautions given in Paragraph 3.3 in Section III (Page III-6) apply to assembling the personality module.

4.4 REQUIRED TOOLS, EQUIPMENT AND MATERIALS

The following tools, equipment and materials are recommended for assembling the personality module:

1. Needle nose pliers
2. Diagonal cutters
3. Screwdriver
4. Controlled heat soldering iron, 25 watt
5. 60-40 rosin-core solder (supplied)
6. Small amount of #24 solid wire

4.5 ORIENTATION

Resistor location R7 will be located in the lower righthand corner of the board when the edge connector is positioned at the