

Table 5-1. Sol Keyboard Parts List (Continued).

MISCELLANEOUS

- 1 Sol-KBD Printed Circuit Board
- 1 8-pin DIP Socket
- 17 14-pin DIP Socket
- 8 16-pin DIP Socket
- 1 22-pin DIP Socket
- 1 20-pin Header, 3M3492-2002
- 1 9-3/4" 20-conductor Rainbow Cable Assembly
- 1 70-key (Sol-10) or 85-key (Sol-20) Keyboard Assembly
- 1 Plastic Insert (Sol-10) for Key Pad
- 18 Torx Screw
- 3 Fiber Spacer
- 1 Length Solder

## 5.6 ASSEMBLY-TEST

## 5.6.1 Circuit Board Check

- ( ) Visually inspect circuit board for obvious flaws. (The design of the board includes numerous unconnected traces and traces that are shorted to each other.)
- ( ) Check circuit board to insure that the +5-volt bus is not shorted to ground. Using an ohmmeter, measure between the GND and +5V pads located in the upper left corner of the board. There should be no continuity.

If no visual inspection reveals any defect, or you measure continuity between the GND and +5V pads, return the board to Processor Technology for replacement. If the board is not defective, proceed to next paragraph.

## 5.6.2 Assembly-Test Procedure

Refer to keyboard assembly drawing in Section IX.