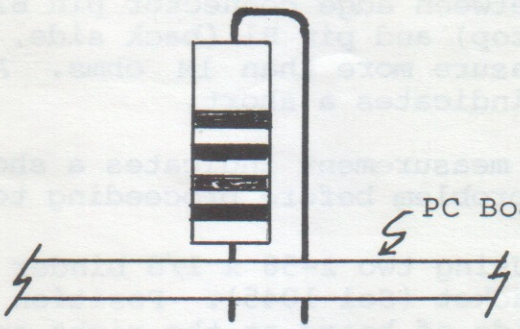


Figure 4-1. R1 through R4 installation.

( ) Step 3. Install the following resistors in the indicated locations. Install these resistors in the normal position, parallel with the board. Bend leads to fit distance between mounting holes, insert leads, pull down snug to board, solder and trim.

| | LOCATION | VALUE (ohms) | COLOR CODE |
|---|---|---|---|
| ( ) | R5 | 10K | brown-black-orange |
| ( ) | R6 | 10K | " " " |
| ( ) | R7 | 10K | " " " |
| ( ) | R8 | 10K | " " " |
| ( ) | R9 | 10K | " " " |

( ) Step 4. Install the following capacitors in the indicated locations. Take care to observe the proper value, type and orientation for each installation. Insert leads, bend outward on solder (back) side of board, solder and trim. (Refer to footnote at end of this step before installing C3.)

| | LOCATION | VALUE (ufd) | TYPE | ORIENTATION |
|---|---|---|---|---|
| ( ) | C1 | 1 | Tant Dip | "+" lead bottom |
| ( ) | C2 | 1 | Tant Dip | "+" lead bottom |
| ( ) | C3* | .047 | Disc Ceramic | None |

*Insert leads through mounting holes, remove capacitor and clear holes of any wax. Reinsert and install.

( ) Step 5. Check for +5-volt bus to ground and -12-volt bus to ground shorts. Using an ohmmeter, make the following measurements:

( ) Measure between edge connector pin B14 (back side, second pin from bottom) and pin B1 (back side, top pin). You should measure more than 1M ohms. A reading less than 10K ohms indicates a short.