



**SCHEMATIC OF THE
HEATHKIT®
SOLID-STATE VOLTMETER
MODEL IM-16**

NOTES:

1. ALL RESISTORS ARE 1/2 WATT, 10% UNLESS OTHERWISE INDICATED.
2. ALL CAPACITOR VALUES ARE IN MICROFARADS (μF).
3. ALL SWITCHES ARE SHOWN IN THE FULLY COUNTERCLOCKWISE POSITION, VIEWED FROM THE KNOB END OF THE SHAFT.
4. SWITCHES ARE IDENTIFIED BY THEIR USE, WAFER, AND WHETHER FRONT (F) OR REAR (R) OF THE WAFER. REAR SECTIONS OF WAFERS ARE VIEWED FROM THE REAR OF THE SWITCH.
5. ○ THIS SYMBOL INDICATES A DC VOLTAGE MEASUREMENT, MADE WITH AN 11 MEGOHM INPUT VTMVA, BETWEEN THE INDICATED POINT AND B-. (FUNCTION SWITCH IN AC POSITION, POWER SWITCH IN LINE POSITION).
6. □ THIS SYMBOL INDICATES A DC VOLTAGE MEASUREMENT BETWEEN TWO POINTS.
7. * VOLTAGE DEPENDS ON SETTINGS OF R16, R19, R20.
8. ** VOLTAGE DEPENDS ON SETTING OF R17.

SEE VOLTAGE CHART FOR LOCATION OF MEASUREMENT POINTS.