



**SCHEMATIC OF THE  
HEATHKIT®  
RF OSCILLATOR  
MODEL IG-5280**

**NOTES:**

1. RESISTORS ARE 1/2 WATT, 5%, UNLESS OTHERWISE NOTED.
2. RESISTOR VALUES ARE IN OHMS (K=1,000, M=1,000,000).
3. CAPACITOR VALUES ARE IN μF, UNLESS OTHERWISE NOTED.
4. ▽ DENOTES CIRCUIT GROUND.
5. ○ DENOTES A DC VOLTAGE MEASURED FROM THE POINT INDICATED TO GROUND WITH THE FOLLOWING CONDITIONS
  - A. RANGE SWITCH (SW1) MAXIMUM COUNTERCLOCKWISE.
  - B. TUNING CAPACITOR (C12,C13) MAXIMUM COUNTERCLOCKWISE.
  - C. AF AMPLITUDE MAXIMUM COUNTERCLOCKWISE.
  - D. MEASUREMENTS MADE WITH A HIGH IMPEDANCE VOLTMETER.
6. □ DENOTES A CIRCUIT BOARD CONNECTION.
7. ○ DENOTES OTHER CONNECTIONS.
8. SWITCHES ARE SHOWN IN CCW POSITION. "D" ON SWITCHES DENOTES DUMMY LUGS USED FOR ELECTRICAL TIE POINTS.
9. SW1,AR SHORTS ALL UNUSED COILS TO GROUND.

