



**SCHEMATIC OF THE  
HEATHKIT®  
ACTIVE AUDIO FILTER  
MODEL HD-1418**

- NOTES:
1. ALL RESISTORS ARE 1/4-WATT, 5% UNLESS MARKED OTHERWISE. RESISTOR VALUES ARE IN OHMS (K=1,000, M=1,000,000).
  2. ALL CAPACITOR VALUES ARE IN  $\mu$ F (MICROFARADS) UNLESS MARKED IN PF (PICOFARADS).
  3. ○ INDICATES A WIRE CONNECTION ON THE CIRCUIT BOARD.
  4. ⊥ INDICATES A CHASSIS GROUND.
  5. ⊕ INDICATES A CIRCUIT BOARD GROUND.
  6. ○ INDICATES A DC VOLTAGE ( $\pm 20\%$ ) MEASURED WITH A HIGH IMPEDANCE VOLTMETER FROM THE POINT INDICATED TO CHASSIS GROUND. ALL MEASUREMENTS WERE TAKEN WHILE THE FILTER WAS BEING POWERED BY A 14-VOLT POWER CUBE.
  7. ALL PUSHBUTTON SWITCHES EXCEPT POWER ARE SHOWN IN THE OUT POSITION.
  8. ALL COILS ARE HAND-WOUND. (VALUES ARE NOT GIVEN).
- \* THESE VOLTAGES MAY VARY WITH DIFFERENT SWITCH AND CONTROL SETTINGS.