



SCHEMATIC OF THE HEATHKIT® SSB TRANSMITTER MODEL SB-401

- NOTES:**
1. RESISTOR AND CAPACITOR NUMBERS ARE IN THE FOLLOWING GROUPS:
 0-99 PARTS MOUNTED ON THE CHASSIS
 100-199 PARTS ON THE CARRIER GENERATOR CIRCUIT BOARD
 200-299 PARTS ON THE MIXER BANDPASS CIRCUIT BOARD
 300-399 PARTS MOUNTED ON TERMINAL BOARD #1
 400-499 PARTS MOUNTED ON TERMINAL BOARD #2
 2. ALL RESISTORS ARE 1/2 WATT UNLESS MARKED OTHERWISE, RESISTOR VALUES ARE IN OHMS (K = 1000, M = 1,000,000).
 3. ALL CAPACITOR VALUES ARE IN μ F UNLESS MARKED OTHERWISE.
 4. ALL SWITCH WAFERS SHOWN IN FULL COUNTERCLOCKWISE POSITION, AS VIEWED FROM THE KNOB END OF THE SHAFT.
 5. THE DOT LOCATED IN THE CENTER OF SOME SWITCHES INDICATES A TIE PIN WHICH CONNECTS A CONTACT ON ONE SIDE OF THE ROTOR TO CONTACTS ON THE OTHER SIDE OF THE SAME ROTOR.
 6. SWITCH WAFERS ARE IDENTIFIED AS IN THE FOLLOWING EXAMPLE:
 B (BAND) 2 F
 FRONT PANEL WAFER NUMBER WITH THE SWITCH VIEWED FROM THE FRONT PANEL. F = FRONT SIDE OF THE WAFER, R = REAR SIDE OF THE WAFER.
 7. REFER TO THE CHASSIS PHOTOGRAPHS AND CIRCUIT BOARD X-RAY VIEWS FOR THE PHYSICAL LOCATION OF PARTS.
 8. RELAY IS SHOWN IN STANDBY POSITION.
 9. VOLTAGES AND RESISTANCE MEASUREMENTS LISTED ON CHARTS BEGINNING ON PAGE 145 OF MANUAL.

