PICTORIAL 3-2
ANThENNA SWITcH SW101:
Switches the output to a dummy load, or to any of three coaxial feedlines, or to a long wire antenna.

COU3c1: LONG-WIRE
BY PASS COAX 2

cOUNTER:
Divide the displayed number by ten (10) to get the number of active turns used for a certain setting of roller inductor L1.

REFLECTED (REF) METER M1:
Indicates reflected power in watts. Also indicates standing wave ratio.

FOnWARD (FDW) METER M2:
Indicates forward power in watts on 2 scales. Indicates relative value of transmitted power.

Sensitivity Control R3:
Sets the reflected meter pointer (REF) to the correct "SET" position.

TRANSMITTEE MATCHING C1:
Tunes to or near resonance at the operating frequency (with inductor L1). Also matches the impedance of the cable connected to the INPUT connector.

SET-FWD SWITCH SW1:
In the SET position, control R3 is adjusted for a full-scale reading (SET) on meter M1.

LOW-HIGH SWITCH SW3:
Selects desired meter M2 scale (0-200 or 0-2000) from which you can determine RF output power. Also selects desired meter M1 scale (0-60 or 0-500) from which you can determine reflected RF power.

Antenna MATCHING C2:
Tunes out any reactance in the antenna system.

Heathkit ANTENNA TUNER SA-2060A
SCHEMATIC OF THE HEATHKIT® DELUXE ANTENNA TUNER
MODEL SA-2060A

NOTES:
1. ALL RESISTOR VALUES ARE IN OHMS (Ω); (K=1000).
2. ALL RESISTORS ARE 1/4-WATT, 5% TOLERANCE UNLESS OTHERWISE NOTED.
3. CAPACITOR VALUES LESS THAN 1 ARE IN μF (MICROFARADS). VALUES OF 1 OR GREATER ARE IN μF (PICOFARADS) UNLESS OTHERWISE MARKED.
4. ← THIS SYMBOL INDICATES A CHASSIS GROUND.
5. ↓ THIS SYMBOL INDICATES A CIRCUIT BOARD GROUND.
6. □ THIS SYMBOL INDICATES A CIRCUIT BOARD WIRE CONNECTION.
7. SWITCH SW01 SHOWN IN BYPASS POSITION.