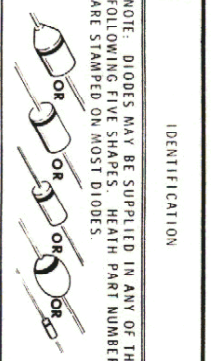
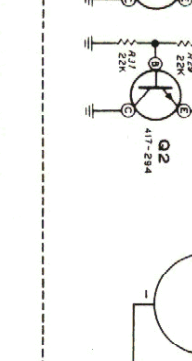
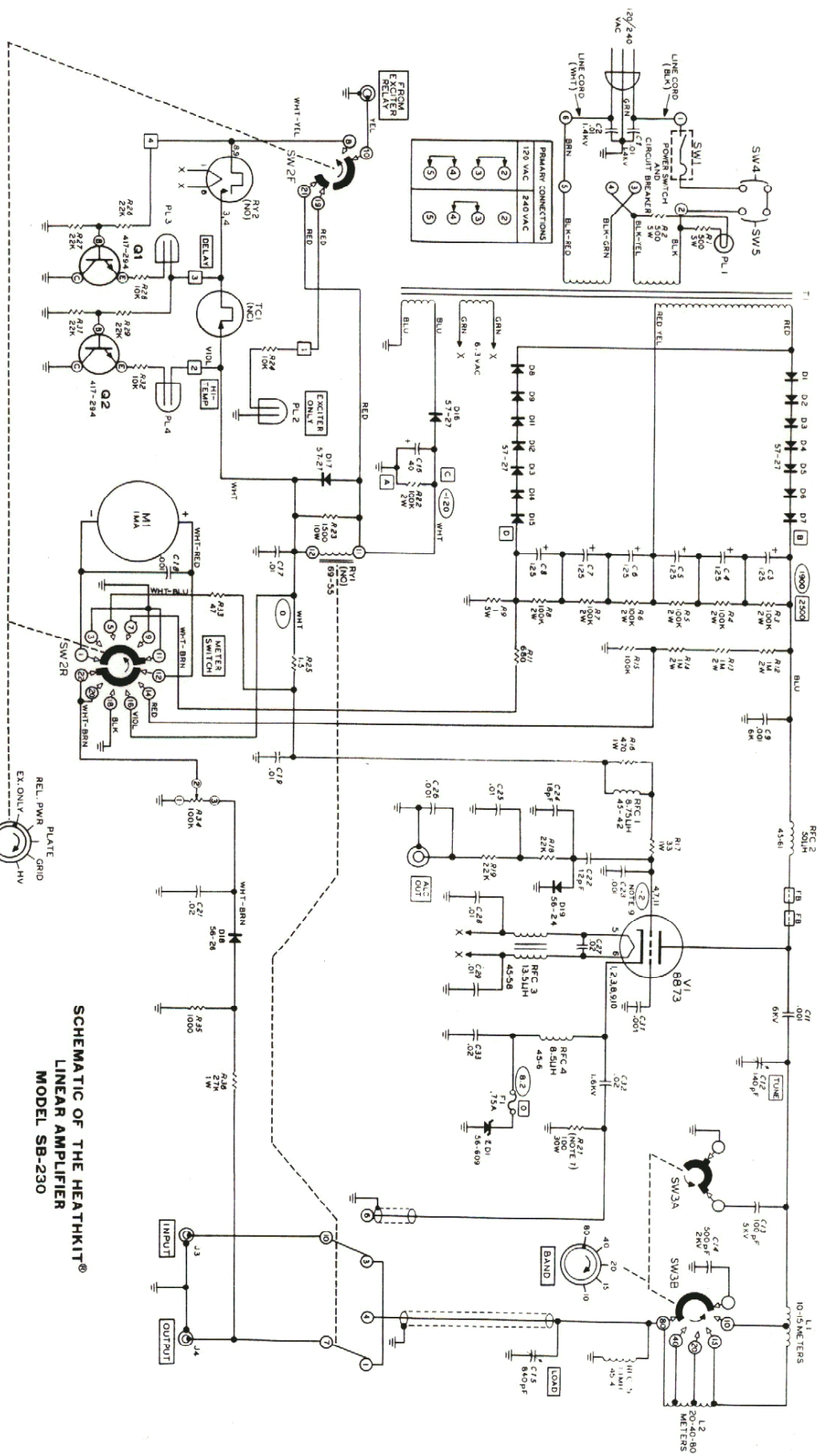


DIODE AND TRANSISTOR IDENTIFICATION CHART

COMPONENT	HEATH PART NO.	MAY BE REPLACED WITH	IDENTIFICATION
D1 THROUGH D17	57-27	1N2071	NOTE: DIODES MAY BE SUPPLIED IN ANY OF THE FOLLOWING FIVE SHAPES. HEATH PART NUMBERS ARE STAMPED ON MOST DIODES.
D18	56-26	1N191	
D19	56-24	1N458	
D20	56-609	1N280GA	
D21	56-609	1N280GA (8.2V, 1.5A)	
Q1, Q2	417-294	MPS442	 



SCHEMATIC OF THE HEATHKIT®
LINEAR AMPLIFIER
MODEL SB-230

- NOTES:
- ALL RESISTOR VALUES ARE IN OHMS (K-1,000; M-1,000,000).
 - ALL CAPACITOR VALUES ARE IN MICROFARADS UNLESS OTHERWISE MARKED (P-PICOFARADS).
 - RELAY CONTACTS ARE IN THE INACTIVATED POSITION (RECEIVE OR EXCITER ONLY).
 - SWITCH CONTACTS ARE SHOWN REAR VIEW. THE SWITCH POSITION IS SHOWN IN THE KNOB VIEW. AN ARROW SHOWS SWITCH MOVEMENT WITH CLOCKWISE ROTATION OF THE KNOB.
 - REFER TO THE CHASSIS PHOTOGRAPHS AND X-RAY VIEWS FOR THE ACTUAL LOCATION OF PARTS.
 - K - 1,000
 - KV - KILOVOLTS
 - M - 1,000,000
 - MH - MILLIHENRIES
 - µF - PICOFARADS
 - PL - PILOT LAMP
 - T.S. - THERMAL SWITCH
 - µH - MICROHENRIES
 - R21 IS COMPOSED OF FIFTEEN 150Ω, 2-WATT RESISTORS CONNECTED IN PARALLEL TO FORM A 100Ω, 30 WATT RESISTANCE.
 - DC VOLTS AT 500MA PLATE CURRENT.
 - DC VOLTS AT 25MA PLATE CURRENT.
 - CIRCUIT BOARD HOLE OR PIN
 - FERRITE BEAD
 - GRID VOLTS - 110V WITH METER SWITCH AT "EXCITER ONLY".