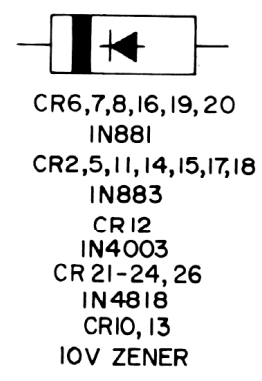
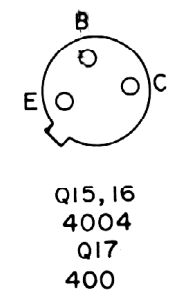
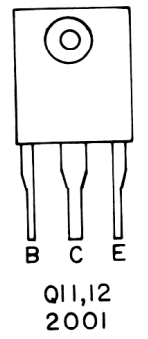
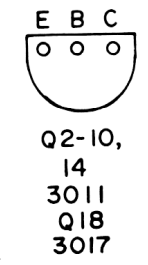


MESSENGER 250 SCHEMATIC DIAGRAM
(FOR UNITS WITH "B" OR LATER MODEL DESIGNATOR
ON SERIAL NUMBER STICKER)



- NOTES:
- ALL RESISTOR VALUES IN OHMS UNLESS OTHERWISE SPECIFIED.
 - ALL CAPACITOR VALUES IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
 - VOLTAGES TAKEN USING 10 MA INPUT VTVM, MEASURED WITH RESPECT TO CHASSIS GROUND.
RECEIVER - NO SQUELCH (CONTROL FULL C.W.). NO SIGNAL.
TRANSMITTER - 50 OHM LOAD CONNECTED TO J2. KEYED. NO MODULATION.
 - SQUELCHED CONDITION VOLTAGE READING.
 - RF VOLTAGE READINGS TAKEN WITH BOONTON 91C RF VOLTMETER (100:1 PROBE), UNMODULATED 3.7 WATT RF POWER OUTPUT.
 - ALL VOLTAGES ON DIODES SHOWN IN RECEIVE CONDITION UNLESS OTHERWISE SPECIFIED.
 - S2A AND B ARE SHOWN IN CHANNEL ONE POSITION AS VIEWED FROM THE KNOB END OF SHAFT.