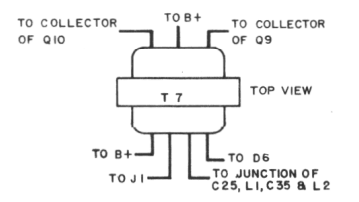


MESSENGER 125 SCHEMATIC DIAGRAM  
(FOR UNITS WITH "F" MODEL DESIGNATOR  
ON SERIAL NUMBER STICKER)



- NOTES:
- \* NOT IN PEC. Z1, 2, 3, 5, 6, 7, AND 8 ARE PEC'S.
  - ALL RESISTORS ARE IN OHMS, ALL CAPACITORS ARE IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
  - VOLTAGES ARE MEASURED WITH VOLUME CONTROL AT MAXIMUM, SQUELCH AT MINIMUM, A 50 OHM DUMMY LOAD CONNECTED TO J2, POWER SUPPLY AT 13.8 VDC. ALL VOLTAGES MEASURED WITH H. P. 410C. VOLTAGES REFERENCED TO B-
  - POWER INPUT TO Q13, VCE X IC = 12.1 X .415 = 5 WATTS.
  - IF FREQUENCY = 455 KHz.
  - Z7 PEC WILL EVENTUALLY BE REPLACED BY "DISCRETE" CIRCUIT SHOWN IN DETAIL A (ABOUT 1974).