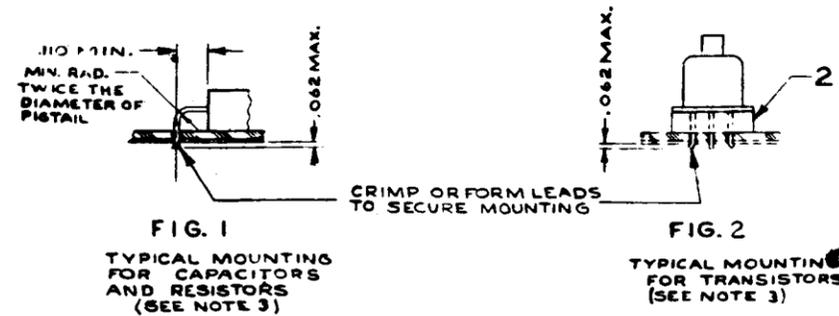
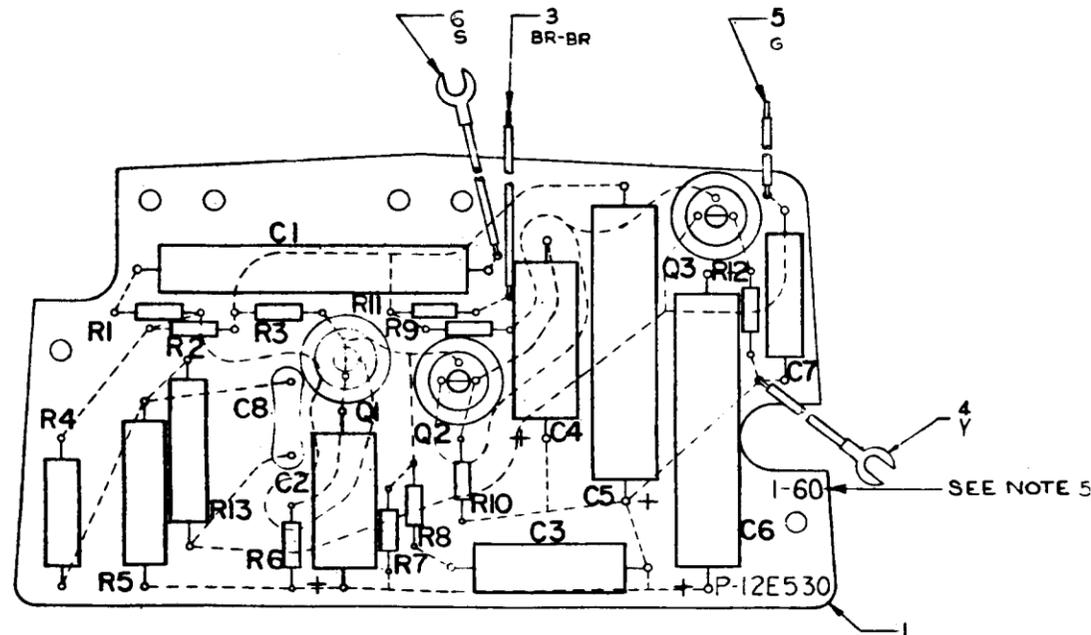


FOR DIMENSION ON HOLES AND LOCATION REFER TO P-12E530

SHOP NOTE:  
A. FOR DIMENSION ON HOLES AND LOCATION REFER TO P-12E530.

- NOTES:
- DASH LINES BETWEEN COMPONENTS INDICATES PRINTED WIRING PATHS.
  - ALL SOLDERING SHALL BE PER WE 50016 METHOD L.
  - RESISTORS, TRANSISTORS, AND CAPACITORS SHALL BE MOUNTED AS SHOWN IN FIG. 1 & 2. TERMINAL LENGTH SHALL BE AS SHORT AND DIRECT AS POSSIBLE BUT SHALL NOT BE LESS THAN 0.100 INCH. DRESS TERMINAL TO AVOID SHOOTING.
  - TRANSISTOR CONNECTING PRECAUTIONS: DURING SOLDERING CARE MUST BE TAKEN TO AVOID DAMAGE TO THE UNIT. HOWEVER, THE SPECIFIC MAXIMUM TEMPERATURE OF 35°C MAY BE EXCEEDED PROVIDED THE TEMPERATURE OF THE BASE LEAD MEASURED APPROXIMATELY .050 INCH FROM THE GLASS SEAL AS MEASURED WITH A .010 INCH IRON CONSTANTIN THERMOCOUPLE DOES NOT EXCEED 215°C FOR MORE THAN 10 SECONDS. BEFORE AND AFTER THIS 10 SECOND PERIOD, THE UNIT MUST BE EXPOSED TO A ROOM AMBIENT NOT EXCEEDING 45°C. NO BENDS SHOULD BE MADE IN THE LEADS CLOSER THAN .050 INCH TO THE BODY OF TRANSISTOR.
  - RUBBER STAMP DATE OF MANUFACTURE PER A-701270 FIG. 2, 1/32 INCH CHARACTERS, WE-2151. LOCATE APPROX. AS SHOWN.
  - SEE DESIGN STANDARDS BOOK 1 FOR BTL REQUIREMENTS CORRESPONDING TO WE SPECIFICATIONS.
  - ASSEMBLY BOARD SHALL MEET THE REQUIREMENTS SHOWN ON A-570-01.



Q3	Q2	Q1	2
12D	TRANSISTOR		
12B	TRANSISTOR		
	KS-16742L1	.0002MFD	C8
	KS-13814L2	.01MFD	C7
	KS-16390L7	2.00MFD @ 10V	C6
	KS-16390L6	100MFD @ 20V	C5
	KS-16390L9	100MFD @ 5V	C4
	KS-13814L1	.05MFD	C3
	KS-16390L2	.8MFD @ 60V	C2
612D	CAPACITOR	1MFD	C1
145A	RESISTOR	0.110	R13
		2200 OHM	R12
		2500 OHM	R11
		4300 OHM	R10
		9100 OHM	R9
		47 OHM	R8
		6800 OHM	R7
		1800 OHM	R6
		2.1 OHM	R5
145A	RESISTOR	2.710 OHM	R4
221A	RESISTOR	2.710 OHM	R3
		10000 OHM	R2
RM-745154	RESISTOR	27000 OHM	R1
		300 OHM	R1
6	P-12E24	LEAD ASSEM.	S
5	P-12E23	LEAD ASSEM.	Y
4	P-12E54	LEAD	S
3	P-12E52	LEAD	BR-BR
2	P-19A013	SPACER	
1	P-12E53	PCB, MAPPED	

P-12E530

REV	DATE	BY	CHKD
1	1-8-63	JDM	
2	1-16-63	JDM	
3	1-22-63	JDM	
4	1-29-63	JDM	
5	2-5-63	JDM	
6	2-12-63	JDM	
7	2-19-63	JDM	
8	2-26-63	JDM	
9	3-5-63	JDM	
10	3-12-63	JDM	
11	3-19-63	JDM	
12	3-26-63	JDM	
13	4-2-63	JDM	
14	4-9-63	JDM	
15	4-16-63	JDM	
16	4-23-63	JDM	
17	4-30-63	JDM	
18	5-7-63	JDM	
19	5-14-63	JDM	
20	5-21-63	JDM	
21	5-28-63	JDM	
22	6-4-63	JDM	
23	6-11-63	JDM	
24	6-18-63	JDM	
25	6-25-63	JDM	
26	7-2-63	JDM	
27	7-9-63	JDM	
28	7-16-63	JDM	
29	7-23-63	JDM	
30	7-30-63	JDM	
31	8-6-63	JDM	
32	8-13-63	JDM	
33	8-20-63	JDM	
34	8-27-63	JDM	
35	9-3-63	JDM	
36	9-10-63	JDM	
37	9-17-63	JDM	
38	9-24-63	JDM	
39	10-1-63	JDM	
40	10-8-63	JDM	
41	10-15-63	JDM	
42	10-22-63	JDM	
43	10-29-63	JDM	
44	11-5-63	JDM	
45	11-12-63	JDM	
46	11-19-63	JDM	
47	11-26-63	JDM	
48	12-3-63	JDM	
49	12-10-63	JDM	
50	12-17-63	JDM	
51	12-24-63	JDM	
52	12-31-63	JDM	

FOR CHANGE REFER TO  
DRAWING NO. 12E530-1

SCALE 2/1

WESTERN ELECTRIC CO. INC.  
ENGINEER OF MANUFACTURE