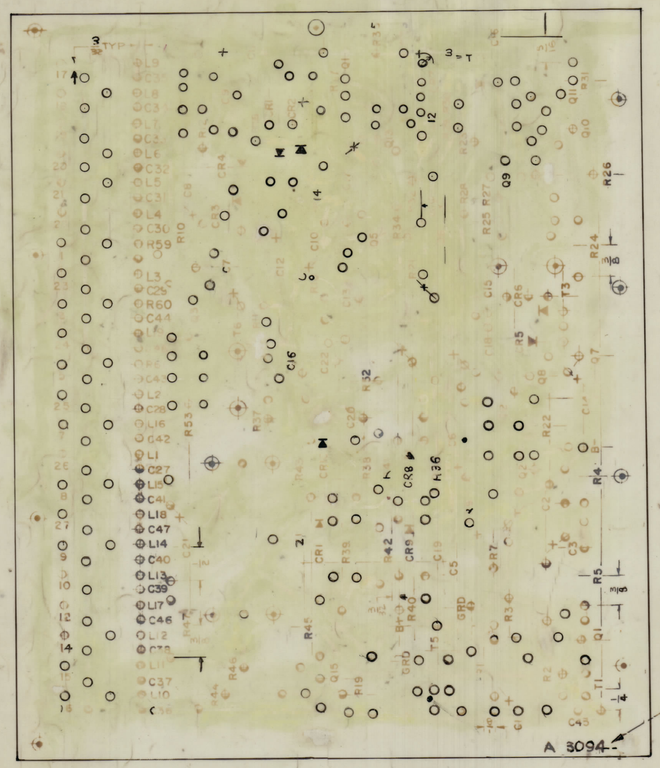


NOTES:

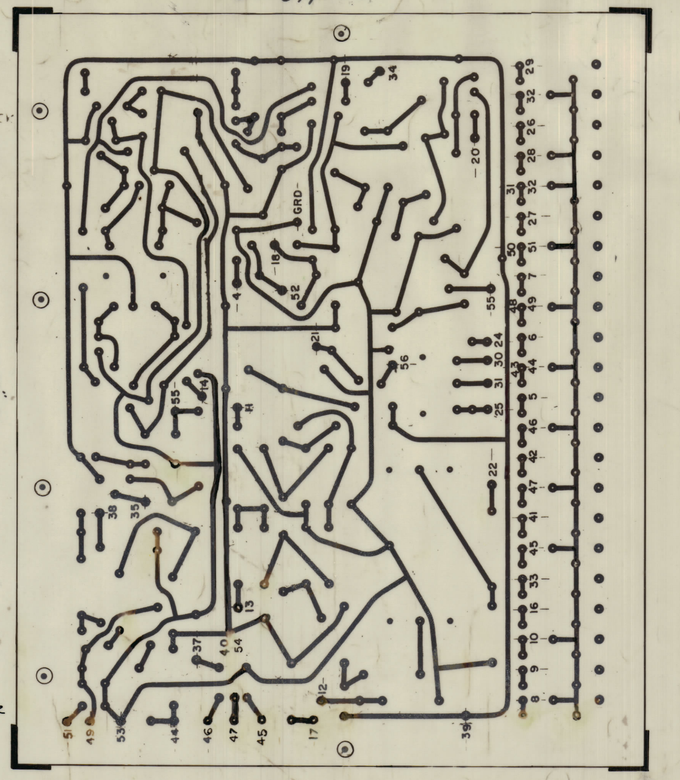
MARKING PROCESS:
AS PER TMC SPEC S-727

LETTERING: 3/32 HIGH BLACK
LOCATED AS SHOWN

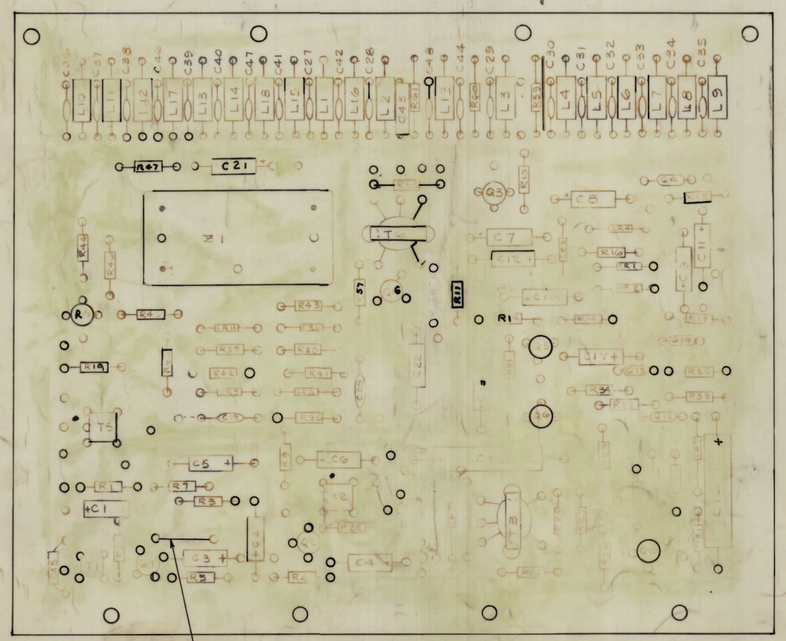
COMPONENT SIDE

TMC PART NO.
STAMPED AS SHOWN
WITH LATEST REV. LETTER

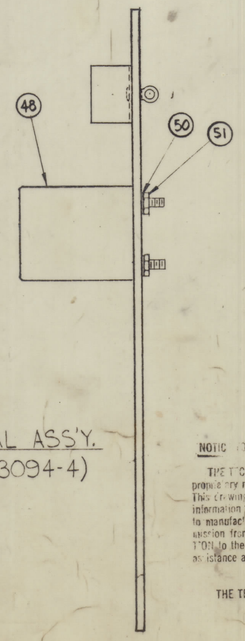
LETTERING
(A 3094-2)



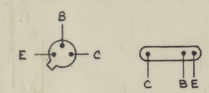
PRINTED CIRCUIT SIDE



FINAL ASS'Y.
(A 3094-4)



TRANSISTOR IDENTIFICATION



REVISIONS							
ZONE	SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHK'D	APP'D
2 TO 5	B	ITEM(6) WAS ZN1830-231, ITEM(7) QTY. WAS 15. CHANGED POSITION OF C45 UNDER ITEM(6) AND 256", PICTORIAL CLARIFIED	3-21-63	8516	RC		
B-2	C	ITEM(3) WAS CM30B391K	4-16-63	8887	RC		
—	D	DELETED ITEM(40) ADDED ITEM(57). ITEM(5) QTY. WAS(8) SYM C4 REMOVED. ITEM(11) SYM (C68) WAS (C66), ITEM(12) (C64) WAS (C63). ADDED DESCRIPTION TO ITEM(20). ITEM(23) QTY. WAS(16) REMOVED SYM (R26). ITEM(24) R7 WAS (25) R26 WAS R7. ITEM(39) WAS RC20GF393J, (50) WAS LWI06L, BN; IN PICT. REMOVED (R & R) & (C & L) LETTERING & ADDED PRINTED CIRCUIT CAPTIONS TO AGREE W/SPEC.	7-31-63	9611	AK.		
1	E	ITEMS 54,55,56 DELETED, REPLACED BY REF TO SHEET 2	8-20-63	9751	AK.		
—	F	IT. 8 WAS CM30B330K, IT 18 WAS 2N2018, IT 19 W. 2N1129 IT. 23 REQ WAS 154 SYM R61 DELE, IT. 36 REQ WAS 18 SYM R61 ADD	8-12-64	10586	MB		
—	G	SEE SHEET 2 OF 2 REV. "G".	3-25-65	13403	JF		
—	H	IT 45 WAS - TF-246-6X	9/16/65	14748	AKK		
—	J	IT. 57 WAS RC20GF331J. IN DENT DOTS T2 AND T5 RELOCATED. CONN. FT 12 THRU NO DELE. LETTERING ON 6T RELOCATED & RE-DELETED	8/31/66	16439	A.K.K.		
—	K	DELETED ITEM 39 "R50"	3-21-66	15961	HLR		
—	L	IT. 1 THRU 7 IS CE105-X-25 WAS CE105-X-15	6-9-66	16357	BB		
F5	M	ADDED "B" HOLE TO BUS STRIP CONNECTION (SEE SH 2)	3-16-67	17978	L.A.K.		

19	41	CL-240-120	COIL, R.F. FIXED	L1, 18, L4, 3, 19, 2, L9, 8, 7, 6, 5, L17, 12, 11, 10, L16, 15, 14, 13
	40	DELETED		
	39	DELETED		
1	38	RC20GF821J	RESISTOR, FIXED	R53
1	37	RC20GF104J	RESISTOR, FIXED	R2
2	36	RC20GF680J	RESISTOR, FIXED	R60, R61
2	35	RC20GF271J	RESISTOR, FIXED	R46, R47
2	34	RC20GF181J	RESISTOR, FIXED	R38, R39
1	33	RC20GF152J	RESISTOR, FIXED	R32
1	32	RC20GF561J	RESISTOR, FIXED	R31
1	31	RC20GF470J	RESISTOR, FIXED	R22
1	30	RC20GF272J	RESISTOR, FIXED	R1
2	29	RC20GF473J	RESISTOR, FIXED	R28, R19
1	28	RC20GF273J	RESISTOR, FIXED	R17
2	27	RC20GF102J	RESISTOR, FIXED	R25, R52
8	26	RC20GF472J	RESISTOR, FIXED	R40, R45 R50, R12, R37, R9, R23, R24
1	25	RC20GF222J	RESISTOR,	R26
4	24	RC20GF223J	RESISTOR, FIXED	R7, R11, R18, R27
14	23	RC20GF103J	RESISTOR, FIXED	R44, R59, R43, R42, R41, R16, R21, R36, R10, R14, R35, R33, R29, R5
1	22	RC20GF474J	RESISTOR, FIXED	R34
1	21	RC20GF681J	RESISTOR, FIXED	R3
1	20	RC20GF122J	RESISTOR, FIXED	R4
2	19	2N1194	TRANSISTOR,	Q6, Q16
2	18	2N1190	TRANSISTOR,	Q7, Q8
4	17	2N 213A	TRANSISTOR,	Q14, Q4 Q12, Q13
8	16	2N1370-7	TRANSISTOR,	Q15 Q5, Q9 Q11, Q3 Q1, Q2, Q10
3	15	IN60A	DIODE, SEMICONDUCTOR DEVICE	CR5, 6, 7
8	14	IN34A	DIODE, SEMICONDUCTOR DEVICE	CR8, 9, 10, 11 CR1, 2, 3, 4,
1	13	CC-100-36	CAPACITOR, DISC	C19
1	12	CC-100-15	CAPACITOR, DISC	C44
2	11	CC-100-28	CAPACITOR, DISC	C18, C20
19	10	CC-100-9	CAPACITOR, DISC	C47, C48, C28, C27 C31, C30, C29 C34, C33, C32 C39, C36, C37 C38, C39, C46 C40, C41, C42
1	9	CM20B391K	CAPACITOR, MICA	C45
1	8	CM15B330K	CAPACITOR, MICA	C43
2	7	CE-105-200-25	CAPACITOR, ELECTROLYTIC	C15, C16
2	6	CE-105-50-25	CAPACITOR, ELECTROLYTIC	C2, C5
2	5	CE-105-30-25	CAPACITOR, ELECTROLYTIC	C7, C8
1	4	CE-105-100-25	CAPACITOR, ELECTROLYTIC	C13
1	3	CE-105-10-25	CAPACITOR, ELECTROLYTIC	C14
1	2	CE-105-5-25	CAPACITOR, ELECTROLYTIC	C17
3	1	CE-105-3-25	CAPACITOR, ELECTROLYTIC	C1, C3, C6, C9, C10 C11, C12, C21
REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL

	57	WL100-7	WIRE, ELEC. BUSS	
	56	SEE SHEET 2		
	55	SEE SHEET 2		
	54	SEE SHEET 2		
	53	SEE SHEET 2		
	52	SEE SHEET 2		
4	51	NTH0632BN8	NUT, HEX	
4	50	LWI06MRN	LOCKWASHER, INTERNAL	
	49	BS-100	SOLDER, SOFT	
1	48	FX-181	FILTER AUDIO	Z1
1	47	TF-247	TRANSFORMER, OUTPUT	T6
1	46	TF-246-17X	TRANSFORMER, INPUT	T5
1	45	TF-334-1	TRANSFORMER HIGH	T1
1	44	TF-248	TRANSFORMER, INT. AUDIO	T3
1	43	TF-246-4X	TRANSFORME, P.P. INPUT	T2
1	42	CE-107-1	CAPACITOR	C22
REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYMBOL

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MAMARONECK, NEW YORK

NOTES

STRUMER — LIST OF MATERIAL

MATERIAL

FINISH

THE TECHNICAL MATERIEL CORP
MAMARONECK, NEW YORK

TITLE: PRINTED CIRCUIT BOARD & COMPONENTS

QTY/UNIT	MODEL USED ON	ASS'Y. NO.
1	SPU-2	

SCALE: FULL — CODE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY TREATED OR PLATED FINISHES

TOLERANCES: FRACTIONS ± 1/64; ANGLES ± 0° 30'; .XX ± .01; .XXX ± .005

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DRAWN	TR	DATE 12-9-62	FINAL APPROVAL
CHECKED		DATE 12-11-62	DATE
ELECT. ENG.		DATE 12-12-62	A 3094 M
MECH. ENG.		DATE 12-12-62	SHEET 1 OF 2

A-3094 M