

TUBE	TYPE	FUNCTION	SOCKET PIN NUMBERS								
			1	2	3	4	5	6	7	8	9
V1	12AU7	AVC AMP-RECT.	1.2M	1.2M	150K	0	0	80K	430K	470	0
V2	6BA6	I.F. AMP.	470K	330	0	0	66K	100K	330		
V3	6BE6	1st MIXER	22K	220	0	0	50K	63K	470K		
V4	6BE6	2nd MIXER	9	120	0	0	150K	90K	20K		
V5	6AL5	NOISE LIMITER	2.2M	220K	0	0	2.2M	NC	220K		
V6	12AT7	2ndOSC.-AUD.AMP	inf.	100K	1.2	0	0	140K	1.0M	390	0
V7	6AQ5	AUDIO OUT.	NC	560	0	0	38K	38K	470K		
V8	6AG5	1st OSC.	22K	120	0	0	72K	72K	NC		
V9	6J6	REACT. MOD.	90K	90K	0	0	390K	33K	1.5K		
V10	12AU7	RELAY DRIVER-SIDE TONE GEN.	52K	1 m	390	0	0	inf.	220K	30K	0
V11	5Y3	RECTIFIER	NC	38K	NC	100	NC	100	NC	38K	
V12	0A2	VOLT. REG.	38K	NC	NC	NC	38K	NC	0		

CONDITIONS:
 OHMMETER - SIMPSON 260 OR EQUIVALENT
 RESISTANCES TO GROUND
 AUDIO GAIN - CLOCKWISE
 NOISE LIMITER - ON
 MANUAL/XTAL - MANUAL
 POWER - OFF
 AVC - OFF
 - FAST
 BFO - ON

NC = NO CONNECTION
 K = THOUSAND
 M = MILLION

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THE TECHNICAL MATERIEL CORPORATION
 MAMARONECK, NEW YORK

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE:					
DEC. DIM. ±		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					
FRAC. DIM. ±							
ANGULAR DIM. ±							

REQ. PER UNIT: **MSR-3**

PROJECT NO. _____ ASS'Y. NO. _____ DATE: **4-11-58**

USED ON _____

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
MATERIAL		RESISTANCE CHART MODEL MSR-3	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN: <i>J.H.S.</i>	CHECKED: <i>V6</i>
FINISH & SPEC. NO.		FINAL APPROVAL: <i>J.R.</i>	
ELEC. DES. APP.		MECH. DES. APP.	