

TUBE	TYPE	FUCTION	SOCKET PIN NUMBERS								
			1	2	3	4	5	6	7	8	9
V1	12AU7	AVC AMP-RECT.	1.3M	1.3M	150K	0	0	84.8K	470K	470	0
V2	6BA6	I.F. AMP.	100K	330	0	0	65K	111K	330		
V3	6BE6	1st MIXER	22K	220	0	0	53K	65K	470K		
V4	6BE6	2nd MIXER	5.5	120	0	0	150.8K	97.8K	20K		
V5	12AT7	2nd OSC.	INF.	100K	4.7K	0	0	INF.	27K	1K	0
V6	6AQ5	AUDIO OUTPUT	NC	560	0	0	40.8K	40.8K	470K		
V7	6AG5	1st OSC.	22K	120	0	0	80K	80K	NC		
V8	6J6	REACT. MOD.	98.2K	98.2K	0	0	590K	33K	1180		
V9	12AU7	RELAY DRIVER SIDE TONE GEN.	43.8K	1M	390	0	0	INF.	242K	1.2	0
V10	5Y3	RECTIFIER	NC	41.3K	NC	100	NC	100	NC	41.3K	
V11	0A2	VOLTAGE REG.	41K	NC	NC	NC	41K	NC	0		
V12	12AT7	AUDIO AMP.	173.8K	10.7K	390	0	0	NC	NC	NC	0

CONDITIONS:
 RESISTANCE TO GROUND
 AUDIO GAIN- CLOCKWISE
 MANUAL- XTAL- MANUAL
 POWER- OFF
 OFF
 AVC- FAST

TONE THRESHOLD- COUNTER CLOCKWISE
 RELAY THRESHOLD- CLOCKWISE
 REACTANCE BALANCE- MID POS. (APPROX.)

NOTICE TO PERSONS RECEIVING THIS DRAWING

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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-5	PROJECT NO.	ASS'Y. NO.	DATE
USED ON				

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
STOCK SIZE		RESISTANCE CHART	MODEL MSR-5
MATERIAL			
TYPE & TEMPER		HEAT TREAT. SPEC.	
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
		DRAWN	CHECKED
		FINAL APPROVAL	
		CH-175	