A

CH-160

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	12AT7	2nd OSC.-AUD. AMP	inf.	100K	1.2	0	0	140K	1.0M	390	0
V6	6AQ5	AUDIO OUT.	NC	560	0	0	38K	38K	470K		
V7	6AG5	1st OSC.	22K	120	0	0	72K	72K	NC		
V8	6J6	REACT. MOD.	90K	90K	0	0	590K	33K	1.5K		
V9	12AU7	RELAY DRIVER-SIDE TONE GEN.	52K	1m	390	0	0	inf.	220K	30K	0
V10	5Y3	RECTIFIER	NC	38K	NC	100	NC	100	NC	38K	
V11	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

NOTICE TO PERSONS RECEIVING THIS DRAWING

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ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	1	V5 DALE - V5 Symbol shown was V6, V6 was V7, etc.	9/12/58	439	16	P.L.K.	

TOLERANCES
DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

SCALE:
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.
REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
	MSR-4			6-24-58

USED ON

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL

STOCK SIZE

MATERIAL

TYPE & TEMPER | HEAT TREAT. SPEC. | FINISH & SPEC. NO.

THE TECHNICAL MATERIEL CORP.
MAMARONECK. NEW YORK

RESISTANCE CHART MODEL MSR-4

DRAWN	CHECKED	FINAL APPROVAL
6-24-58		
P.L.K.		CH-160 A

ELEC. DES. APP | MECH. DES. APP.