THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

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FX228

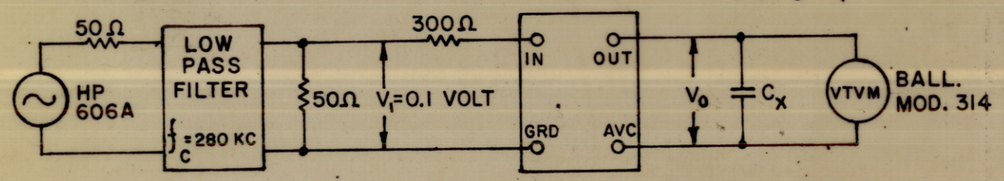
MARKING PROCESS: AS PER TMC SPECIFICATION S-727.

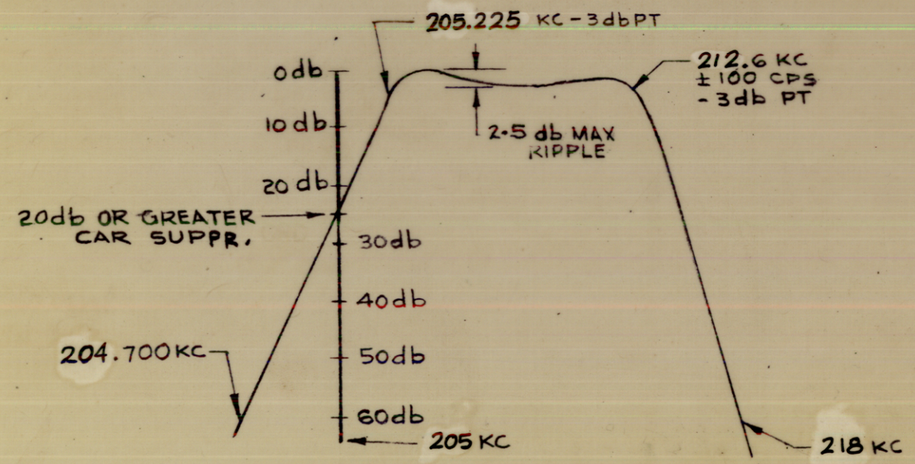
LETTERING: 1/8 HIGH BLACK GOTHIC, LOCATED AS SHOWN.

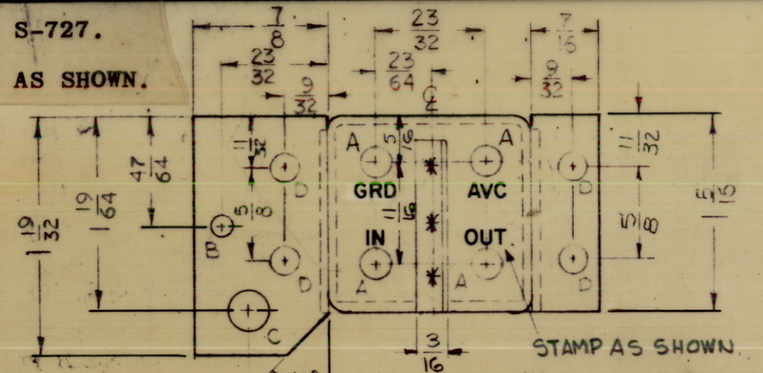
ELECTRICAL SPECIFICATIONS

1. TYPE: UPPER SIDEBAND.
2. db MEASUREMENTS: ALL db MEASUREMENTS ARE RELATIVE TO MAXIMUM SIGNAL RESPONSE IN PASSBAND.
3. CARRIER FREQUENCY: 205 KC.
4. CARRIER SUPPRESSION: -20 db OR GREATER.
5. -3db POINTS: 205.225 KC OR LESS, 212.6 KC ±100 CPS.
6. -60db POINTS: 204.700 KC OR GREATER, 218.0 KC OR LESS ALL RETURN LOBES AND SPURIOUS SHALL BE -60 db OR GREATER, OVER THE RANGE ±50 KC FROM CARRIER FREQUENCY.
7. MAXIMUM PASSBAND RIPPLE 2.5 db
8. INSERTION (LOSS OR GAIN): +8 db ±2db.
9. INPUT IMPEDANCE: 300 OHMS (NOMINAL).
10. OUTPUT IMPEDANCE: NOT TO EXCEED 12.5K Ω (INTERNALLY TERMINATED).
11. D.C. RESISTANCE ACROSS OUTPUT: NOT TO EXCEED 5K OHMS.
12. TEMPERATURE RANGE: 0° TO 70° C.

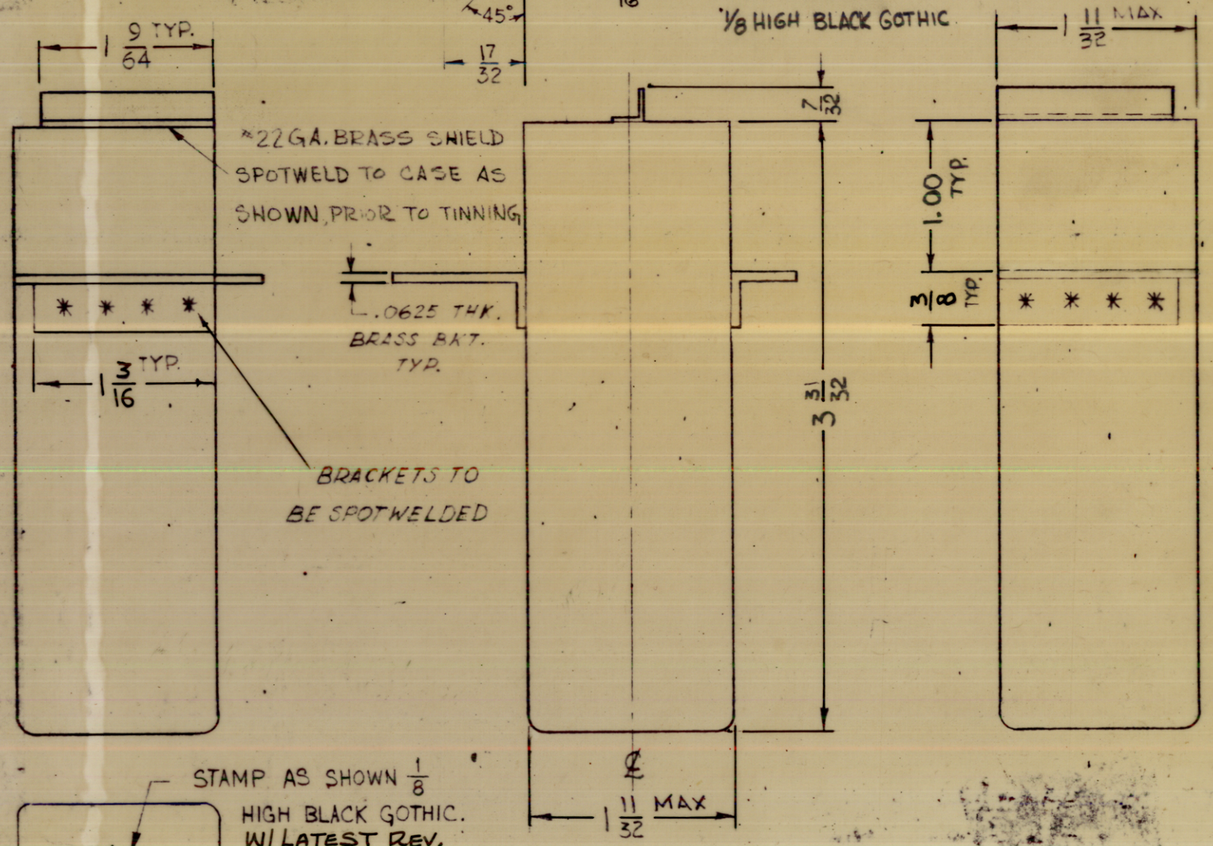
SEE TEST PROCEDURE S-764. INSERTION (LOSS OR GAIN) = $\frac{1}{2}(V_o - V_i)$ IN db.







A ~ .209 DIA. 4 Req.
B ~ 5/32 DIA. 1 "
C ~ 9/32 DIA. 1 "
D ~ 3/16 DIA. 4 "



SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
Ø	ORIGINAL RELEASE FOR PRODUCTION	3-10-67		L.A.K.		
X1	ADDED "OR BRUSHED NICKEL" TO FINISH	8/25/66	X1	CED		

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± 1/64 DECIMALS ± .005 ANGLES ± 1/2°

SCALE: DO NOT SCALE (3401-308)

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

REQ. PER UNIT	MODEL	SECTION	ASS'Y. NO.	DATE
	SBS-7			6-28-65

USED ON

REQ.	ITEM	PART NO.	POSE	DESCRIPTION	SYMBOL
				THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
STOCK SIZE				FILTER, ASYMMETRICAL CRYSTAL	
BRASS				7.5 KC UPPER SIDEBAND	
MATERIAL					
HOT TIN DIP			W. AUSTIN		
TYPE & TEMPER	HEAT TREAT. SPEC.		DRAWN	CHECKER	FINAL APPROVAL
S115 TMC SMOOTH GRAY ENAMEL OR BRUSHED NICKEL					FX228 Ø
FINISH & SPEC. NO.			ELEC. DES. APP.	MECH. DES. APP.	

TMC FORM NO. 109

DEFIANCE NO. 1930

STANDARD DRAWING