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.

FX227 Ø

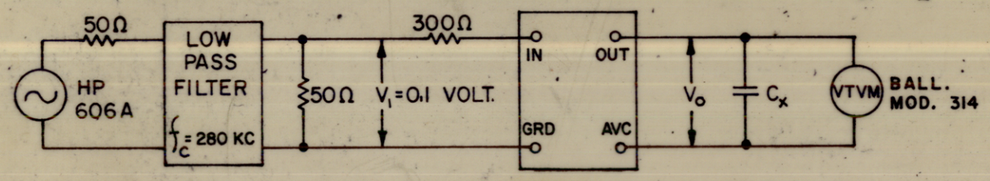
MARKING PROCESS: AS PER TMC SPECIFICATION S-727.

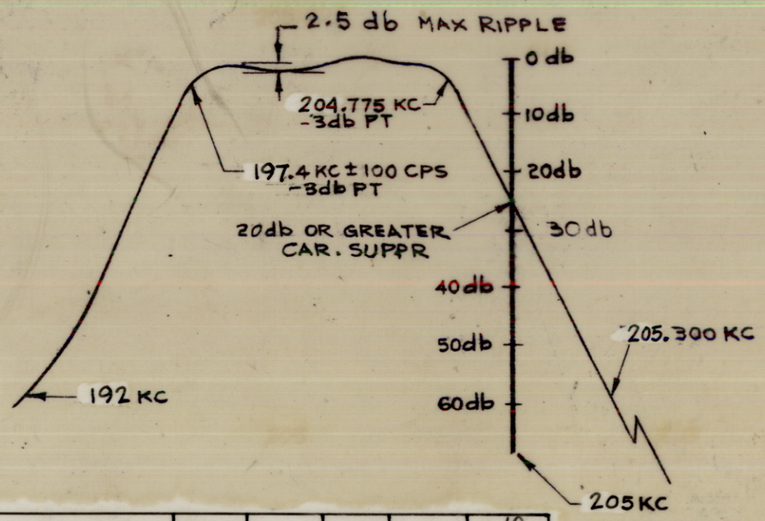
LETTERING: 1/8 HIGH BLACK GOTHIC, LOCATED AS SHOWN.

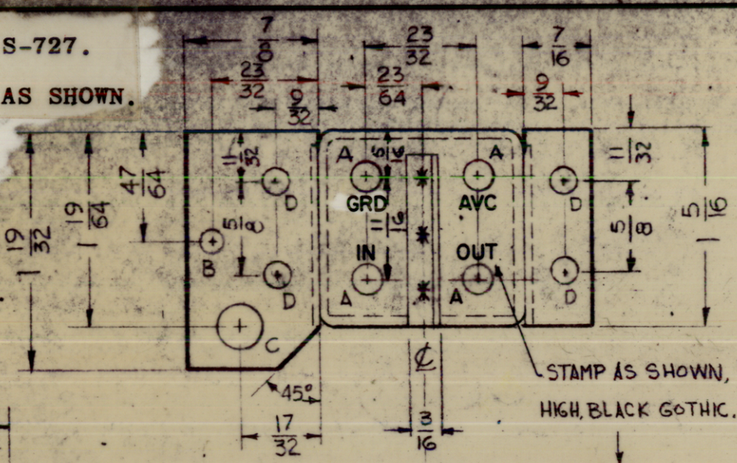
ELECTRICAL SPECIFICATIONS

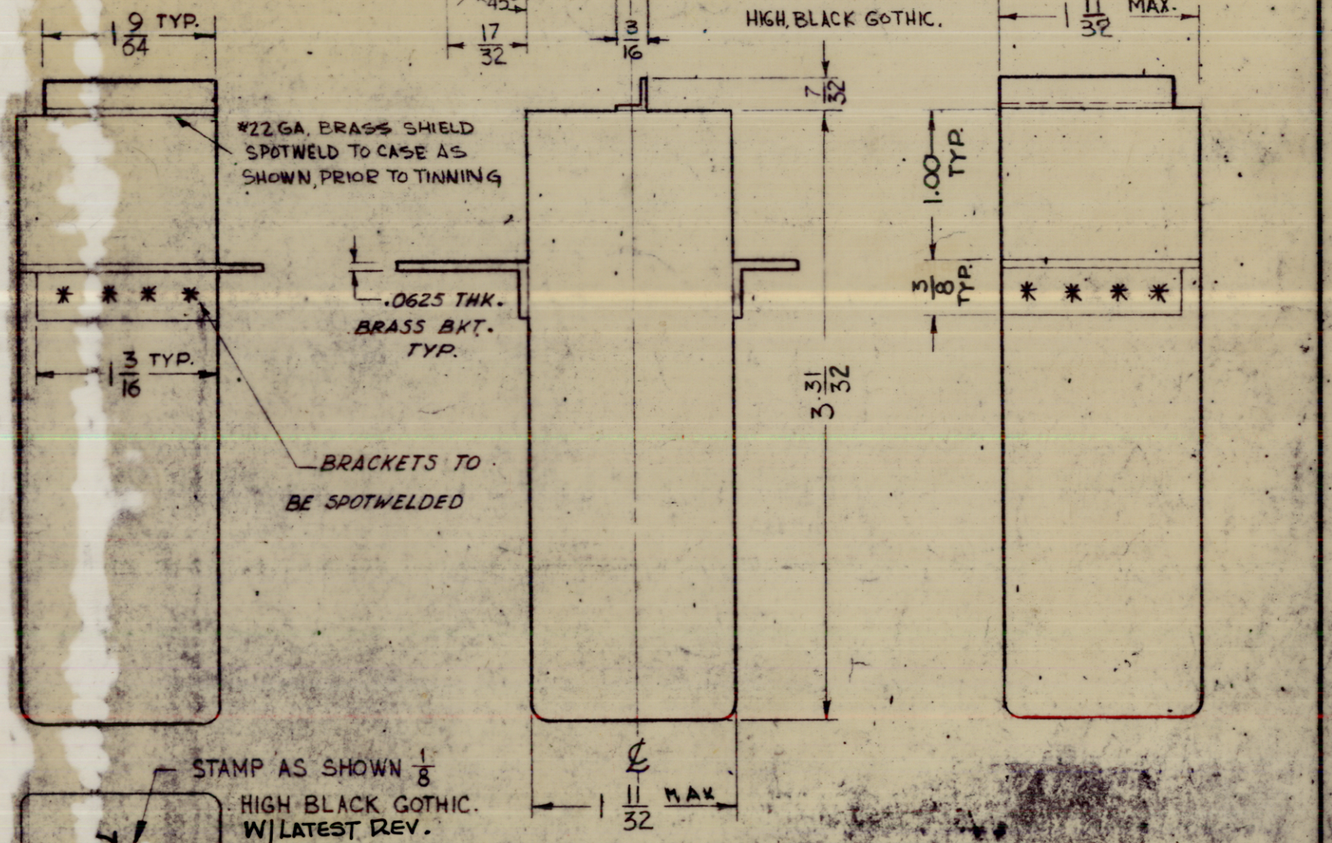
1. TYPE: LOWER SIDEBAND.
2. db MEASUREMENTS: ALL db MEASUREMENTS ARE RELATIVE TO MAXIMUM SIGNAL RESPONSE IN PASSBAND.
3. CARRIER FREQUENCY: 205 KC.
4. CARRIER SUPPRESSION: -20 db OR GREATER.
5. -3db POINTS: 204.775 KC OR GREATER, 197.4 KC ±100 CPS.
6. -60 db POINTS: 192 KC OR GREATER, 205.300 KC OR LESS. ALL RETURN LOBES AND SPURIOUS SHALL BE -60 db OR GREATER, OVER THE RANGE OF ±50 KC FROM CARRIER FREQUENCY.
7. MAXIMUM PASSBAND RIPPLE: 2.3 db.
8. INSERTION (LOSS OR GAIN): ±8db+2 db.
9. INPUT IMPEDANCE: 300 OHMS (NOMINAL).
10. OUTPUT IMPEDANCE: NOT TO EXCEED 12.5KΩ (INTERNALLY TERMINATED).
11. D.C. RESISTANCE ACROSS OUTPUT: NOT TO EXCEED 5K OHMS.
12. TEMPERATURE RANGE: 0° TO 70° C.

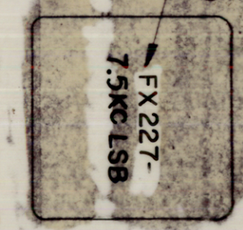
SEE TEST PROCEDURE S-764. INSERTION (LOSS OR GAIN) = $\pm(V_0 - V_1)$ IN DB.











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

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

SCALE: DO NOT SCALE (S401-308)

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	ASSY. NO.	DATE
1	SBS-7			6-28-65

USED ON

REQ.	ITEM	PART NO.	POSE	DESCRIPTION	SYMBOL
STOCK SIZE				THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
BRASS				FILTER, ASYMMETRICAL CRYSTAL 7.5 KC LOWER SIDEBAND	
MATERIAL					
HOT TIN DIP				H. AUSTIN	
TYPE & TEMPER	HEAT TREAT. SPEC.			DRAWN	CHECKER
SII5 TMC SMOOTH GRAY ENAMEL OR BRUSHED NICKEL					FINAL APPROVAL
FINISH & SPEC. NO.				ELEC. DES. APP.	MECH. DES. APP.

FX-227 Ø

TMC FORM NO. 109

STANDARD DRAWING

DEFIANCE NO. 1838