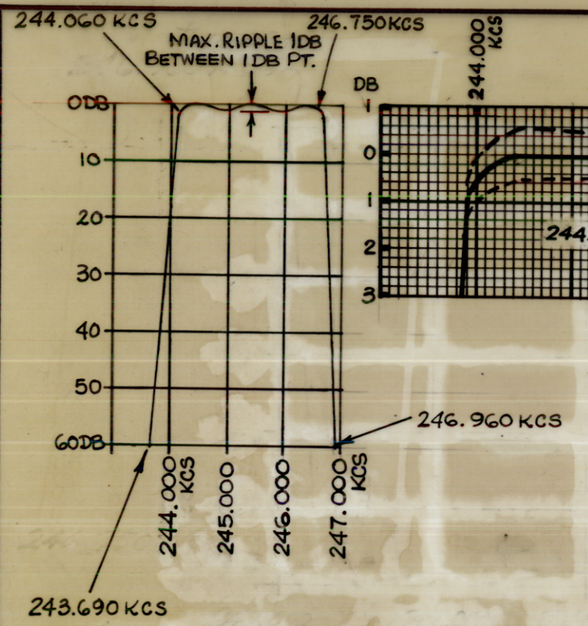
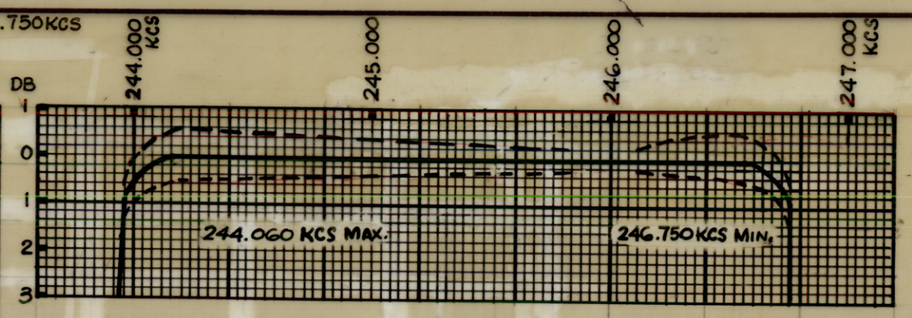




EXPANDED SCALE

A

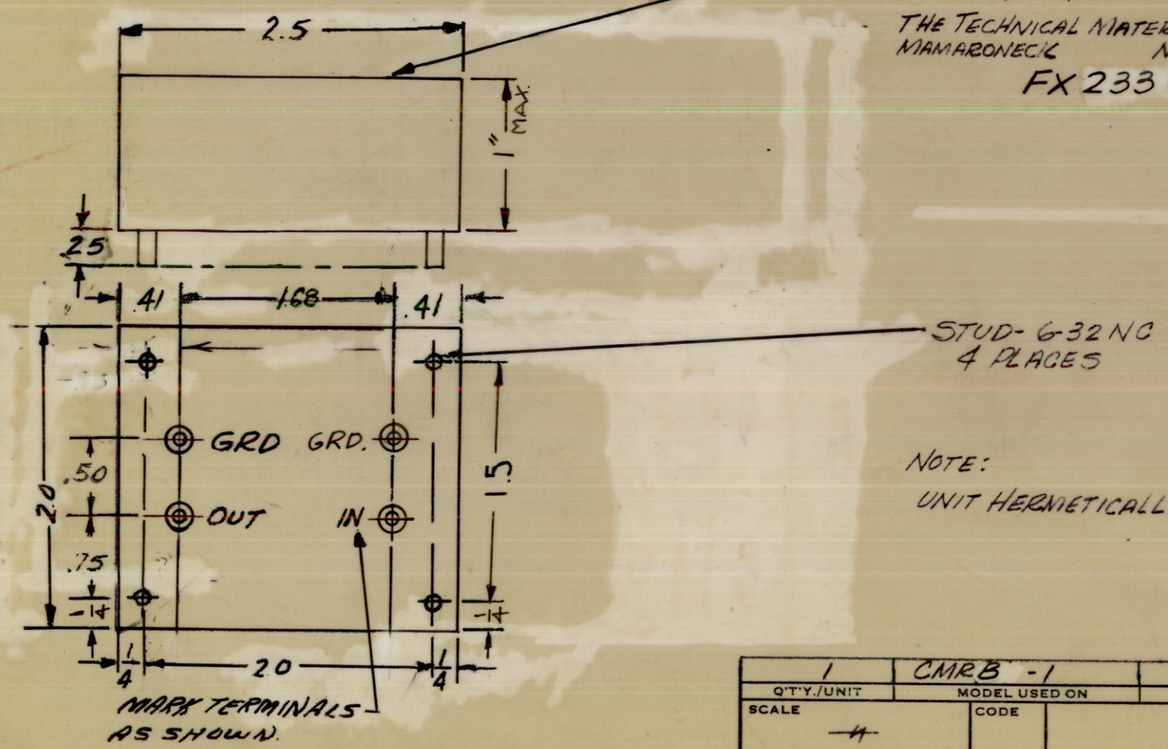
FX 233

REVISIONS

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X1	SPEC. #12 - ADDED " & RIPPLE"	9.15.65	X1	[illegible]		
Ø	ORIGINAL RELEASE FOR PRODUCTION	9.17.65	Ø	[illegible]		
A	COMPLETELY REVISED WITH CHANGES	12/8/65	15387	[illegible]	[illegible]	[illegible]

1. TYPE: OUTER, LOWER SIDEBAND
2. DB MEASUREMENTS: ALL DB MEASUREMENTS ARE RELATIVE TO MAXIMUM SIGNAL RESPONSE IN THE PASS BAND.
3. CARRIER FREQUENCY: 243.710 KCS
4. CARRIER SUPPRESSION: AT LEAST 55 DB
5. -1DB POINTS: NOT HIGHER THAN 244.060 KCS AND NOT LOWER THAN 246.750 KCS
6. -60 DB POINTS NOT LOWER THAN 243.690 KCS AND NOT HIGHER THAN 246.960 KCS.
7. INSERTION LOSS 4DB MAX.
8. INPUT IMPEDANCE: 500 OHMS
9. OUTPUT IMPEDANCE: 500 OHMS
10. ALL SPURS AT LEAST 60 DB DOWN BETWEEN 150 KCS & 350 KCS.
11. MAXIMUM PASSBAND RIPPLE VS. TEMPERATURE:
    1 DB FROM +15°C TO +55°C
    1.5DB FROM -30°C TO +15°C
    3DB FROM -40°C TO -30°C

LETTERING & TMC P/N W/LATEST REV. LETTER:
THE TECHNICAL MATERIEL CORP.
MAMARONECK NEW YORK
FX 233



NOTE:
UNIT HERMETICALLY SEALED.

NOTE: CHANNEL DESIGNATION REFERS TO 250 KCS FURTHER SIDEBAND INVERSIONS MUST BE TAKEN INTO ACCOUNT IN DETERMINING THE FINAL CHANNEL DESIGNATION.

MARKING PROCESS: AS PER TMC SPECIFICATION S-727.

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

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL

LIST OF MATERIAL

1	CMRB -1	
Q'T'Y./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE —	CODE	

MATERIAL —

FINISH —

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 — TOLERANCES — FRACTIONS ± 1/64 ANGLES ± 0° 30'

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TITLE BANDPASS FILTER, CHANNEL B2

DRAWN H. AUSTIN	DATE 7-29-65	FINAL APPROVAL [signature]	DATE 9/17/65
CHECKED [signature]	DATE 9/16/65		
ELECT. DES.	DATE	FX 233	A
MECH. DES.	DATE	SHEET	REV. LTR.

NOTES

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TMC FORM 109

REPROVEL NO. 440H 23858