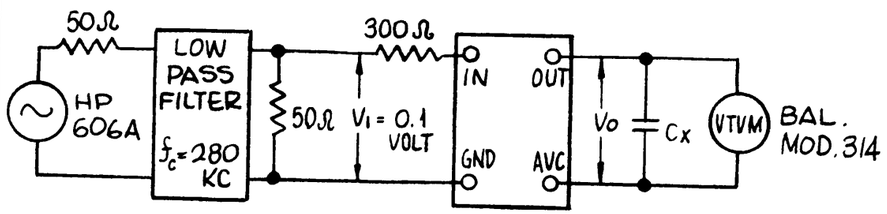
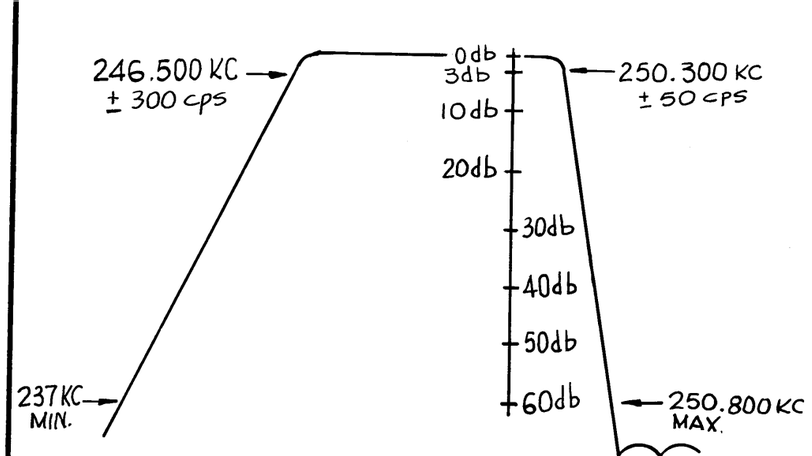
STANDARD DRAWING

ELECTRICAL SPECIFICATIONS

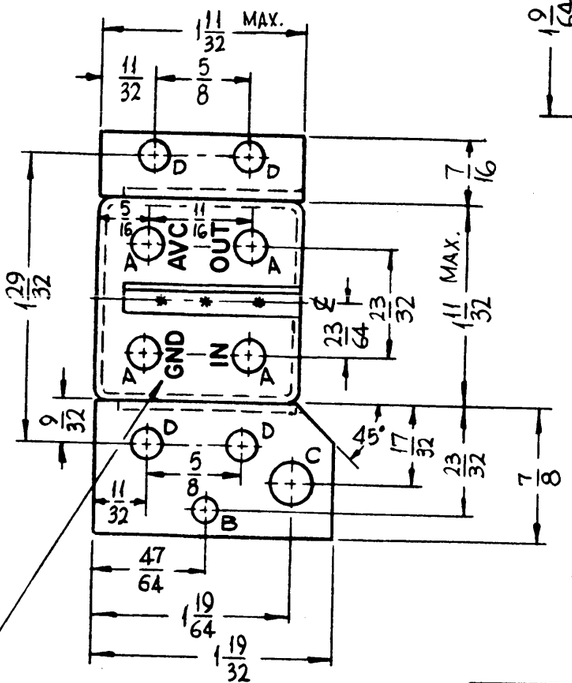
1. TYPE: LOWER SIDEBAND
2. db MEASUREMENTS: ALL db MEASUREMENTS ARE RELATIVE TO MAX. SIGNAL RESPONSE IN PASSBAND.
3. CARRIER FREQ: SEE ATTEN. CHARACTERISTIC
4. CARRIER SUPPR: SEE ATTEN. CHARACTERISTIC
5. -3db POINTS: 246.500 kc ±300 cps -250.300 kc ±50 cps
6. -60db POINTS: 237 kc MIN -250.800 kc MAX
   ALL RETURN LOBES AND SPURIOUS SHALL BE -60 db OR GREATER, OVER THE RANGE OF ±50KC FROM CARRIER FREQUENCY.
7. MAXIMUM PASSBAND RIPPLE: 2.5 db
8. INSERTION (LOSS OR GAIN): +5 db ± 1 db
9. INPUT IMPEDANCE: 300 OHMS (NOMINAL)
10. OUTPUT IMPEDANCE: NOT TO EXCEED 12.5K OHMS (INTERNALLY TERMINATED)
11. D.C. RESISTANCE ACROSS OUTPUT: NOT TO EXCEED 5K OHMS.
12. TEMP. RANGE: 0 TO 70°C

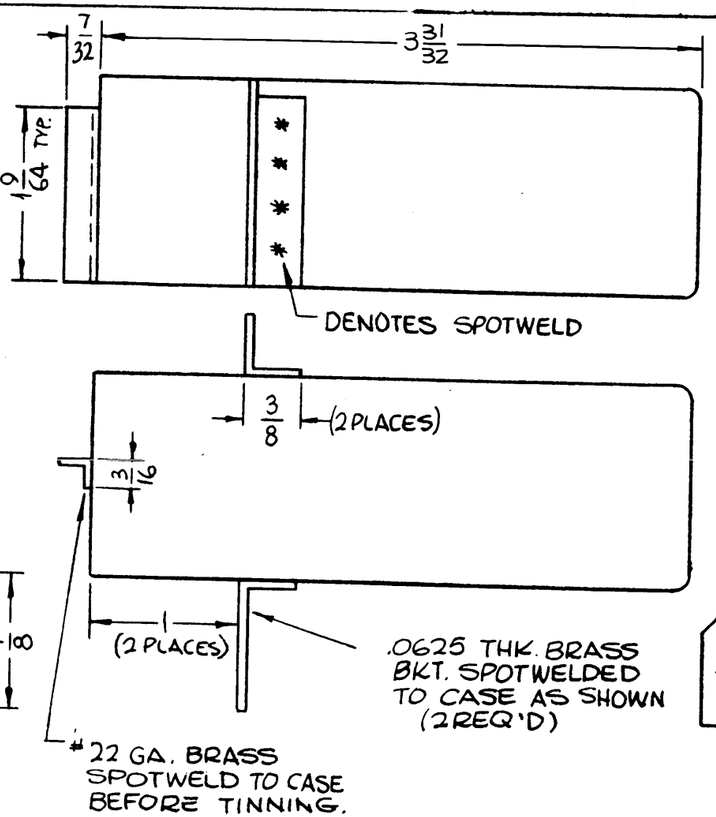
SEE TEST PROCEDURE INSERTION (LOSS OR GAIN) = $\pm(V_0 - V_1)$ IN DB

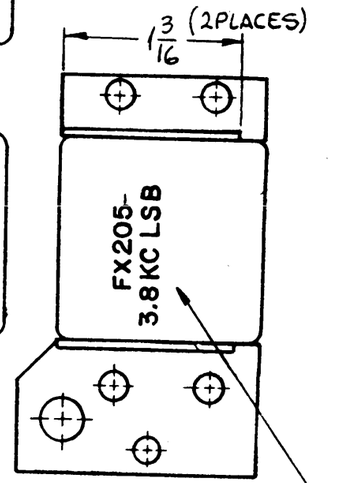




ATTENUATION CHARACTERISTIC







HOLE	DESCRIPTION	REQ.
A	.209 DIA.	4
B	5/32 DIA.	1
C	9/32 DIA.	1
D	3/16 DIA.	4

REVISIONS

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X	EXPERIMENTAL RELEASE	10-5-64	X	SRG		
Ø	ORIGINAL RELEASE FOR PRODUCTION	10.15.64	Ø	WB		
A	ADDED "OR BRUSHED NICKEL" TO FINISH	8/25/66	16772	CED	[illegible]	JC

A

FX205

FINISH; MTG. BRACKETS:
DO NOT PAINT EDGES, TOP & BOTTOM SURFACES OF MTG. BRACKETS.

NOTES

Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
	KIT 192	
SCALE 1:1	CODE C	5401-210

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REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL

LIST OF MATERIAL

MATERIAL: BRASS

FINISH: HOT TIN DIP, SIIS TMC SMOOTH GRAY ENAMEL OR BRUSHED NICKEL SEE MOUNTING BRACKET NOTE

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: FILTER BAND PASS 3.8 KC BW 250 KC LSB

DRAWN SRG	DATE 10-5-64	FINAL APPROVAL RDC	DATE
CHECKED @	DATE 10-8-64		
ELECT. DES. JC	DATE 10/15/64	FX205	A
MECH. DES.	DATE	SHEET	REV. LTR.

TMC F RM 1 9

STANDARD DRAWING

REPROVEL NO. 440H 16107