STANDARD DRAWING

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	JSB		
A	ADDED "OR BRUSHED NICKEL" TO FINISH	8/25/66	16772	CED		

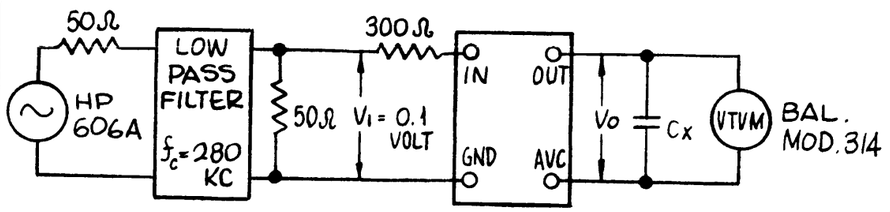
REVISIONS

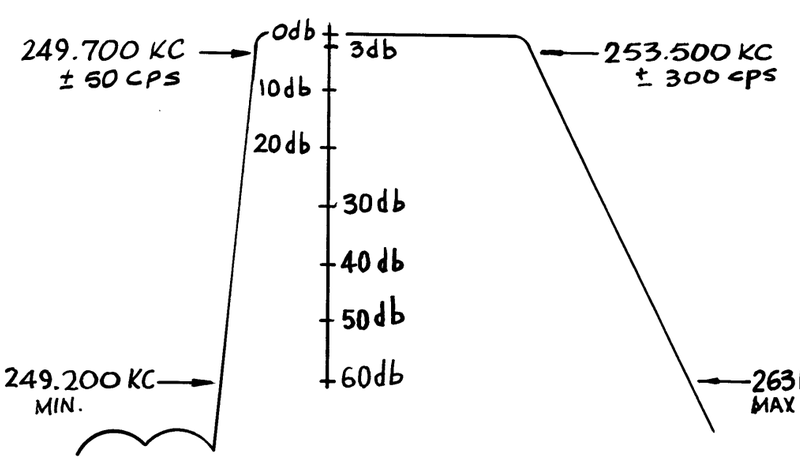
FX202

ELECTRICAL SPECIFICATIONS

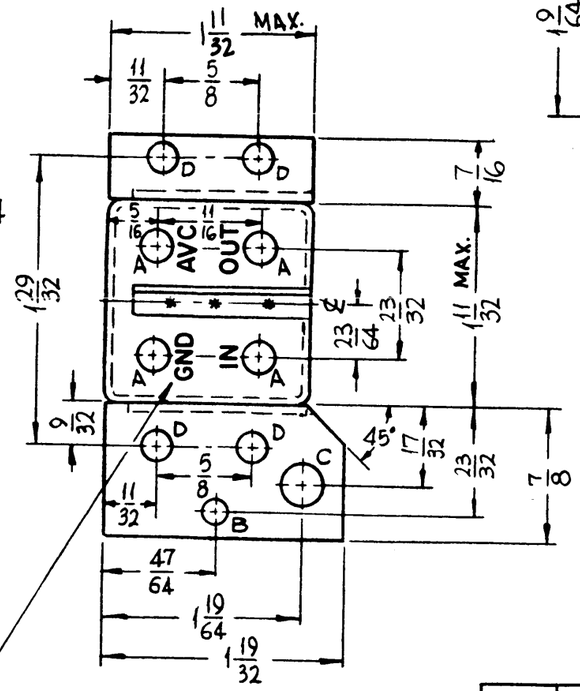
1. TYPE: UPPER SIDEBAND
2. db MEASUREMENTS: ALL db MEASUREMENTS ARE RELATIVE TO MAX. SIGNAL RESPONSE IN PASSBAND.
3. CARRIER FREQ: SEE ATTEN. CHARACTERISTIC
4. CARRIER SUPPR: SEE ATTEN. CHARACTERISTIC
5. -3db POINTS: 249.700 kc ±50 cps-253.500 kc ±300 cps
6. -60db POINTS:249.200 kc MIN - 263 kc MAX
   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

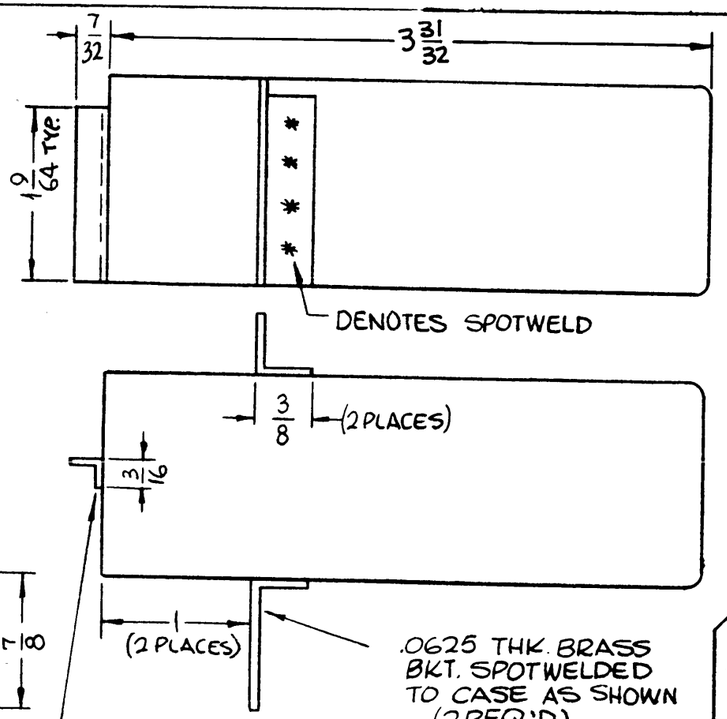
SEE TEST PROCEDURE INSERTION (LOSS OR GAIN)=$\pm(V_0-V_1)$ IN DB



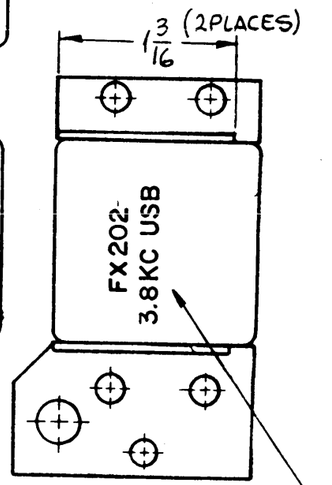


ATTENUATION CHARACTERISTIC





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



REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL

LIST OF MATERIAL

MATERIAL: BRASS

FINISH: HOT TIN DIP, S115 TMC SMOOTH GRAY ENAMEL OR BRUSHED NICKEL SEE MOUNTING BKT. NOTE

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

NOTES

STANDARD DRAWING

Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
	KIT-189	
SCALE 1:1	CODE C	S401-210

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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 250KC USB

DRAWN SRG	DATE 10-5-64	FINAL APPROVAL RM	DATE
CHECKED @	DATE 10-8-64		
ELECT. DES.	DATE 10/15/64	FX202	A
MECH. DES.	DATE	SHEET	REV. LTR.

TMC F RM 1 9

STANDARD DRAWING

REPROVEL NO. 440H 16107