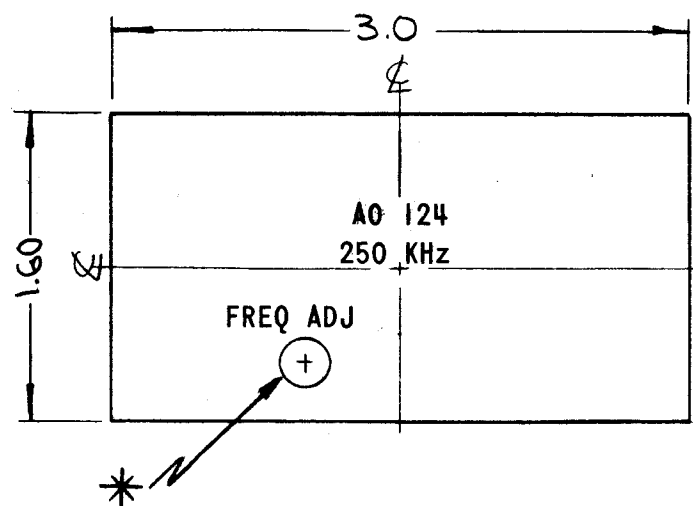
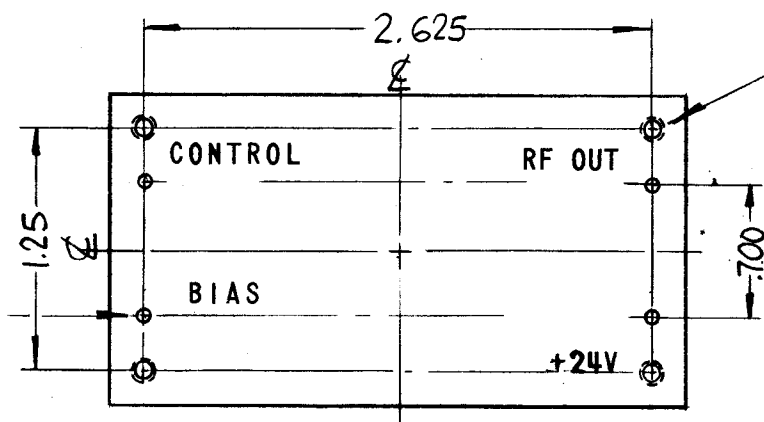
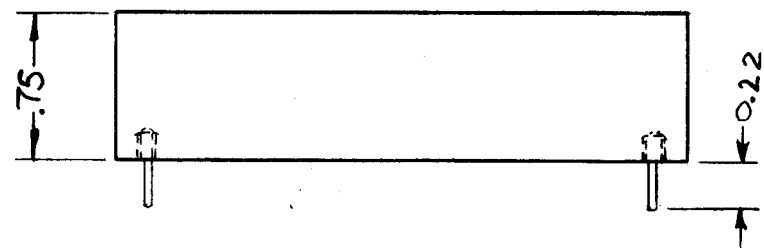


TOP VIEW



*OPTIONAL



4-40 UNC-2B
4 FULL THREADS DEEP
(4 PLACES)

AO124

REVISIONS

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X	EXP. RELEASE	3-30-67				
Ø	ORIGINAL RELEASE FOR PRODUCTION	5/9/67	Ø	CV		
A	SPECS REVISED	3-25-69	19371	GE		
B	ADD 0.22 DIM	1-21-70	19729	KD		
C	SPEC, SENSITIVITY WAS 100 HZ/VOLT	7-14-70	19973	CV		
D	OPTIONAL NOTE ADDED TO FREQ ADJ HOLE	4-28-72	20662	CF		

SPECIFICATIONS

FREQUENCY: 250.000 kHz
 CONTROL VOLTAGE: RANGE: 0 ±1 VOLT DC
 SENSITIVITY: +100 Hz AT -1VDC
 -100 Hz AT +1VDC
 LINEARITY: ±25 Hz
 OSC. SUPPLY VOLTAGE: +24 V DC ±5%, at 15 mA MAX.
 STABILITY: LESS THAN ±10 HERTZ CHANGE OVER AMBIENT RANGE OF 0° TO +60°C
 LESS THAN ±1 HERTZ CHANGE WITH ±5% SUPPLY VOLTAGE VARIATIONS
 OUTPUT: GREATER THAN 0.1 V RMS INTO 500 Ω LOAD.
 WAVE SHAPE: SINE
 CENTER FREQUENCY: ADJUST BIAS: 3 TO 15 VDC
 NON-OPERATING TEMP RANGE: -62°C TO +75°C
 PEAK SHOCK CAPABILITY: 20 G WITHIN A PERIOD OF 10 MILLISECONDS
 APPLIED ALONG THREE MUTUALLY PERPENDICULAR AXES
 VIBRATION CAPABILITY: 5 Hz TO 50 Hz AT AN AMPLITUDE OF 1.3 G

MECHANICAL

CASE:
 MATERIAL: 24 G COLD ROLLED STEEL
 DIMENSIONS: AS SHOWN
 FINISH: POWDER BLASTED NICKEL
 MARKING: AS INDICATED
 TERMINALS: 4 PL STEEL WIRE .030 DIA OR EQUIVALENT
 GLASS OR TEFLON INSULATION
 MARKING PROCESS: AS PER TMC SPEC S727
 LETTERING: 1/8 HIGH BLACK GOTHIC, LOCATED AS SHOWN

REV'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
MATERIAL			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH			TITLE OSCILATOR, TEMP. COMPENSATED	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES			DRAWN: <i>[Signature]</i> CHECKED: <i>[Signature]</i> DATE: 3-30-67	FINAL APPROVAL: <i>[Signature]</i> DATE: 5/9/67
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005			TOLERANCES FRACTIONS ± 1/64 ANGLES ± 0° 30'	
ELECT. DES.			DATE	DATE
MECH. DES.			DATE	DATE
SHEET			A0124	
REV. LTR.				

1	HFRR-4	
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE 1:1	CODE C	S401-308(TC XO)

NOTES

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