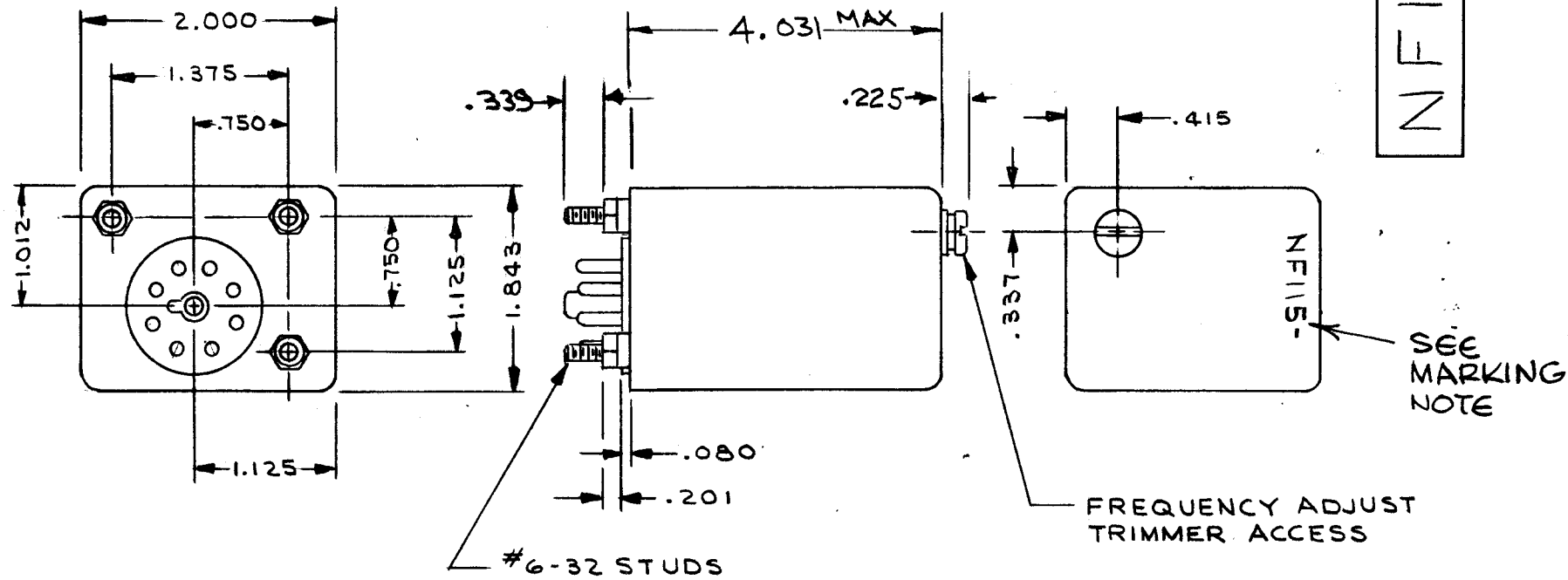


STANDARD DRAWING

NF115 B

REVISIONS

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
Ø	ORIGINAL RELEASE FOR PROD.	8/17/66	Ø	JL		JL
A	ADD MARKING SPEC., ADD P/N ON TOP OF CAN. BASE CONN PIN 2 WAS N.C., PIN 3 WAS OSC. ADDED STD. DWG. STAMP.	1.19.67	17701	RME		
B	3.176 DIM DELE; 4.031 WAS 2.875	5.4.67	18166	UPD		RH



ELECTRICAL SPECIFICATIONS

- SUPPLY VOLTAGE: OVEN AND OSCILLATOR 22 TO 30 VDC REGULATED TO 10%. 0.65 AMPS MAX.
- OUTPUT: GREATER THAN 1 VOLT RMS, SINE WAVE, INTO 50 OHM LOAD
- SHOCK: 100 G AT 8 MS DELTA f/f= LESS THAN 5×10^{-8}
- VIBRATION: 5 TO 55 CPS AT .016 INCHES DA, DELTA f/f LESS THAN 5×10^{-8}
- STABILITY: AFTER 24 HOURS WARM-UP LESS THAN 1×10^{-7} PER DAY
- AMBIENT: +15 TO +65°C, DELTA f/f LESS THAN 3×10^{-7} . LESS THAN 1×10^{-7} PER 15°C CHANGE IN THE RANGE OF +15 TO +65°C
- ALTITUDE: 10,000 FEET DELTA f/f LESS THAN 5×10^{-9}
- WARM-UP: FROM 0°C DELTA f/f= LESS THAN 1×10^{-7} PER 5 MINUTES AFTER 60 MINUTES WARM-UP. DELTA f/f LESS THAN 1×10^{-7} PER DAY AFTER 24 HOURS WARM-UP
- VOLTAGE CHANGE: 10% DELTA f/f LESS THAN $\pm 1 \times 10^{-7}$
- COLD STORAGE: -65°C DELTA f/f= LESS THAN 5×10^{-8}
- HUMIDITY: UNIT HERMETICALLY SEALED

OCTAL BASE CONNECTIONS

- PIN 1 N.C.
- 2 OSC. +24 VDC
- 3 OVEN +28 VDC
- 4 N.C.
- 5 N.C.
- 6. OSC. OUTPUT 1 MC.
- 7 RF GRD, SUPPLY RETURN
- 8 N.C.

MARKING: MARK TMC PART NUMBER 1/8 HIGH GOTHIC WITH LATEST REVISION LETTER (APPROX AS SHOWN).

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
POSE LIST OF MATERIAL				
MATERIAL			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH			TITLE NETWORK, FREQUENCY	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES			DRAWN JL	DATE 7/21/66
			CHECKED JL	DATE 8-15-66
			ELECT. DES.	DATE
			MECH. DES.	DATE
			FINAL APPROVAL <i>[Signature]</i> 8/17/66	
			NF115 B	
			SHEET	
			REV. LTR.	

MMX-1	
Q'TY./UNIT	MODEL USED ON
SCALE	CODE
	S401 (970-1715-0)

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NOTES