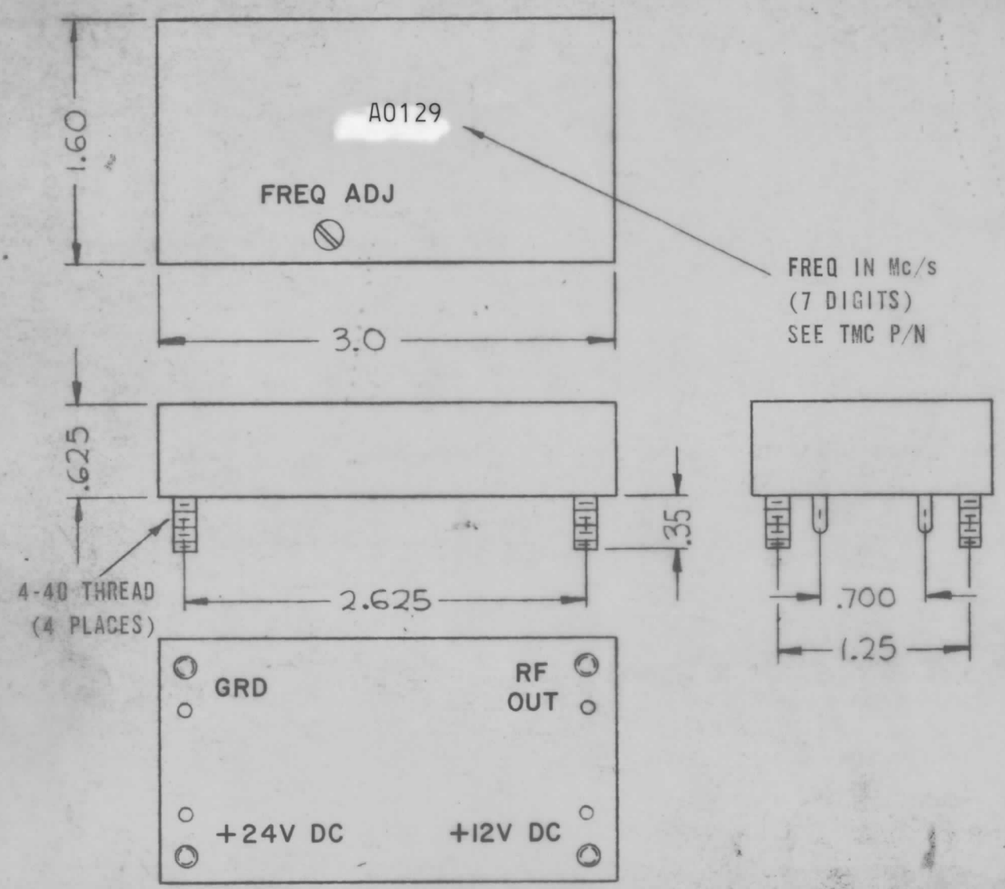
REVISIONS							
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	Ø	ORIG RELEASE FOR PROD	7/9/71		CW		RCB



TMC PART NO. SHOULD BE SHOWN AS FOLLOWS:

A0129 - 2.750000

BASIC TMC P/N — FREQ IN Mc/s (7 DIGITS)

SPECIFICATIONS

OSCILLATOR SUPPLY: +12VDC, 20 mA MAX
OVEN SUPPLY: +24VDC, 50 mA AT 25°
OUTPUT: 0.1 V RMS MIN INTO LOAD 50 ± j 50 Ω
WAVE SHAPE: SINE
FREQ. RANGE: 1.5 to 3.2MHZ (AS SPECIFIED ON INDIVIDUAL PART NUMBER)
FREQ. STABILITY: 1 PART IN 10^6
CHANGE - 20 TO +55°C : OSC SUPPLY
VOLTAGE CHANGE ±10% ; OVEN SUPPLY
VOLTAGE VARIATION ±10% ; LOAD VARIATION ±10% AFTER WARM-UP PERIOD OF NOT MORE THAN 1 HOUR

MECHANICAL

CASE:
MATERIAL: 24 GA 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 SPECIFICATION S727

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

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
POSE			LIST OF MATERIAL	

QTY / UNIT	MODEL USED ON	ASS'Y NO.
10	MFE-1	
APPLICATION		
	CODE C	S401-308

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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 — TOLS. — FRACTIONS 1/64 — ANGLES 0° -30'

MATERIAL: SEE NOTES

FINISH: SEE NOTES

FINAL APPROVAL		DATE 7/9/71
MECH. DES.		DATE
ELECT. DES.		DATE
CHECKED		DATE
DRAWN	CW	DATE 7/9/71

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

PROPORTIONAL OVEN CONTROLLED OSC.

SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	A0129	Ø
SCALE		SHEET OF	

FCI-10-170 (10-66)