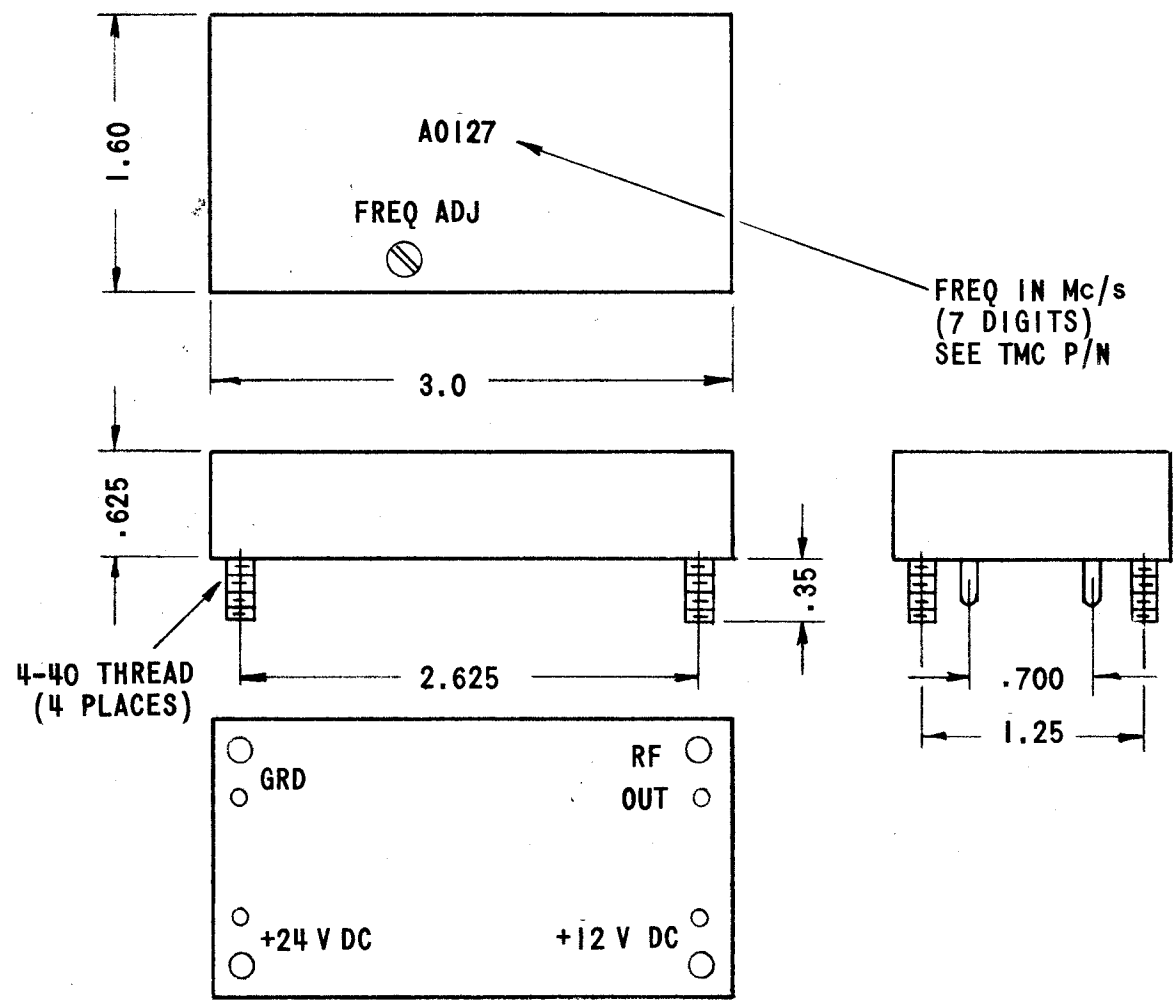


REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXPERIMENTAL RELEASE	3/22/68		C.V.	<i>[Signature]</i>
	XI	SPECIFICATIONS CLARIFIED	3/25/68		C.V.	<i>[Signature]</i>
	Ø	ORIGINAL RELEASE	3/29/68	Ø	CV	<i>[Signature]</i>



**SPECIFICATIONS**

OSCILLATOR SUPPLY: +12 VDC, 20 mA MAX  
 OVEN SUPPLY: +24 VDC, 50 mA AT 25°  
 OUTPUT: 0.1 V RMS MIN INTO LOAD 50 ± 50 Ω  
 WAVE SHAPE: SINE  
 FREQ. RANGE: 1.75-32 Mc/s (AS SPECIFIED ON INDIVIDUAL PART NUMBER)  
 FREQ STABILITY: 1 PART IN 10<sup>-6</sup> PER 24 HOURS FOR AMBIENT CHANGE 0° TO 50°C.  
 OSCILLATOR SUPPLY VOLTAGE: ±10%  
 OVEN SUPPLY VOLTAGE: ±10%  
 LOAD VARIATION: ±10%  
 WARM-UP: 1 HOUR MINIMUM

**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

TMC PART NUMBER SHOULD APPEAR AS FOLLOWS:

AO 127 - 2.750000  
 BASIC P/N      FREQ. IN Mc/s (7 DIGITS)

10	SME-6	
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE	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  
 FRACTIONS: 1/64, ANGLES: 0°-30'

MATERIAL: SEE NOTES  
 FINISH: SEE NOTES

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
O. POSE LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
OSCILLATOR, PROPORTIONAL OVEN CONTROLLED				
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	AO 127	Ø	
SCALE			SHEET	OF