

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXP. RELEASE	7.17.67		WHD	
	X _i	REVISED SPECS.	9/6/67	X _i	C.V.	
	Ø	ORIG. RELEASE FOR PROD.	12-15-67	Ø	R.G.	

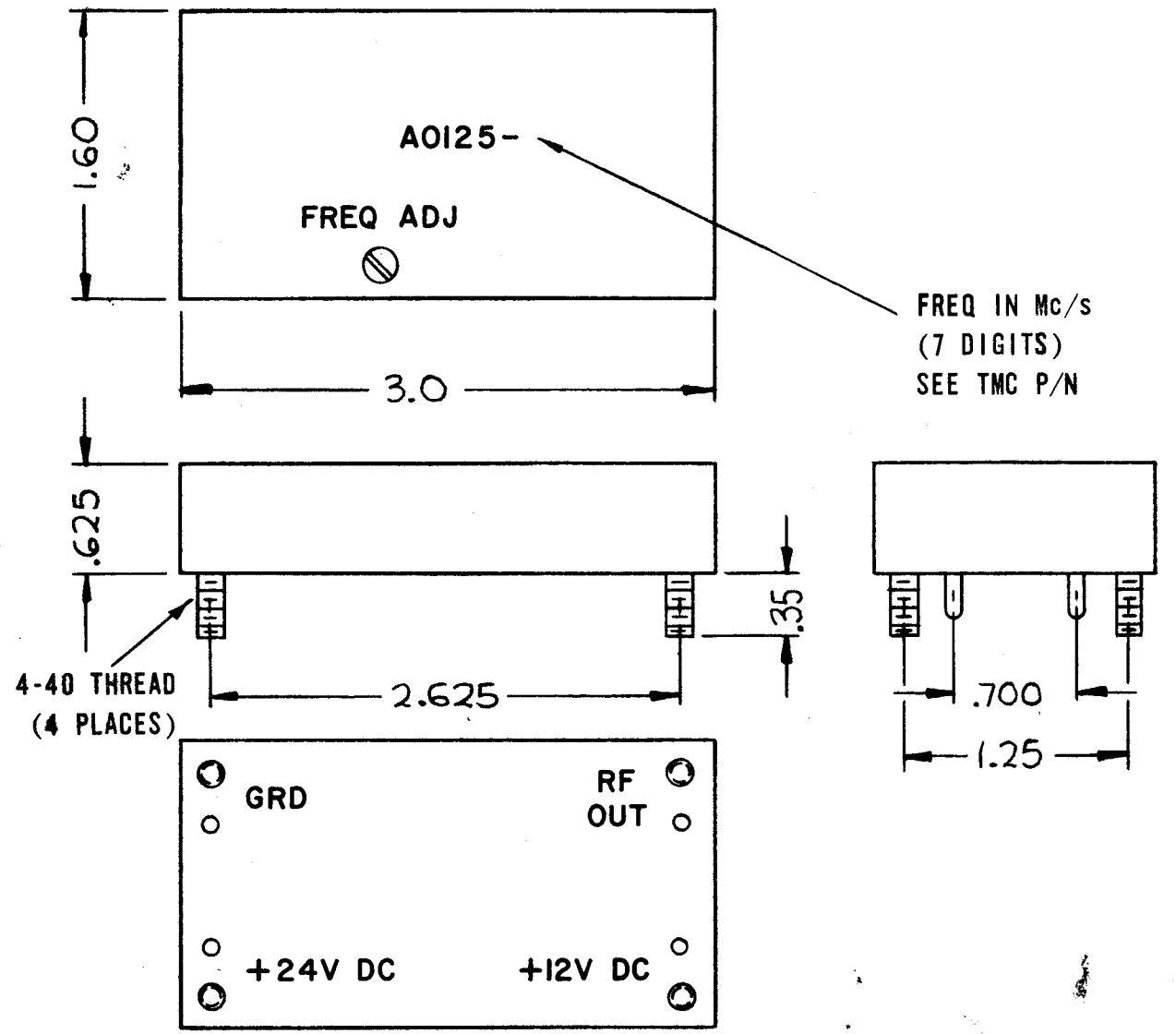
SPECIFICATIONS

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: 1.75-32 Mc/s (AS SPECIFIED ON INDIVIDUAL PART NUMBER)
 FREQ. STABILITY: ±8 CPS ABSOLUTE FOR AMBIENT CHANGE -30°C TO +50°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.



TMC PART NO. SHOULD BE SHOWN AS FOLLOWS:

AO 125 - 2.750000
 BASIC TMC P/N FREQ IN Mc/s (7 DIGITS)

10	SME-6	
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
	CODE C	S401-308
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		FINAL APPROVAL	DATE
DECIMALS	FRACTIONS	ELECT. DES.	DATE
.X ± .05	1/64	CHEKED	DATE
.XX ± .01	TOLS. ANGLES	DRAWN	DATE
.XXX ± .005	0° .30'		7.17.67
MATERIAL		SEE NOTES	
FINISH		SEE NOTES	

REQ'D	ITEM	PART NUMBER	DESCRIPTION	SYM.
POSE LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
PROPORTIONAL OVEN CONTROLLED OSC.				
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE	
B	82679	AO125	Ø	
SCALE			SHEET	OF