

MODZ Series 2" Square, 5 Pin OCXO



- Oven Controlled Oscillator
- Ultra High Stability
- SC Crystal
- -40°C to 85° Available



Frequency Range		1.0MHz to150.0MHz
Frequency Stability		±1ppb to ±50ppb
Operating Temperature		-40°C to 85°C max*
* All stabilities not available, please consult MMD for availability.		
Storage Temperature		-40°C to 95°C
Output		Sinewave ±3 dBm / 50Ω
Supply Voltage		12.0V
Supply Current		120mA typ. / 450mA max
Warm-up Time		30min. @ 25°C
Input Impedance		100K Ohms typical
Crystal		SC Cut
Phase Noise @ 10MHZ		SC
	10 Hz Offset	-113dBc
	100 Hz Offset	-135dBc
	1000 Hz Offset	-140dBc
	10K Hz Offset	-155dBc
	100K Hz Offset	-155dBc
Voltage Control 0 to VCC		±0.75ppm typ
Aging (after 30 days)		±0.1ppm/yr.

Environmental & Mechanical Detail

Shock	MIL-STD-883, Method 2002 Cond B
Solderability	MIL-STD-883, Method 2003
Solvent Resistance	MIL-STD-202, Method 215
Vibration	MIL-STD-883, Method 2007, Cond A
Gross Leak Test	MIL-STD-883, Method 1014, Cond C
Fine Leak Test	MIL-STD-883, Method 1014, Cond A2
MSL	Level 1 per IPC/JEDEC J-STD 20

Marking Detail

Line 1 = MXXXXX		
M	=	MMD
XXXXX	=	Frequency in MHz
Line 2 = SYWWL		
S	=	Internal Code
YYWW	=	4 Numerical Digit Date Code (Year / Week)
L	=	Denotes RoHS Compliant
Line 3 = XXXXX		
Internal use only		
May vary with lots		
Pin 1 Designator		

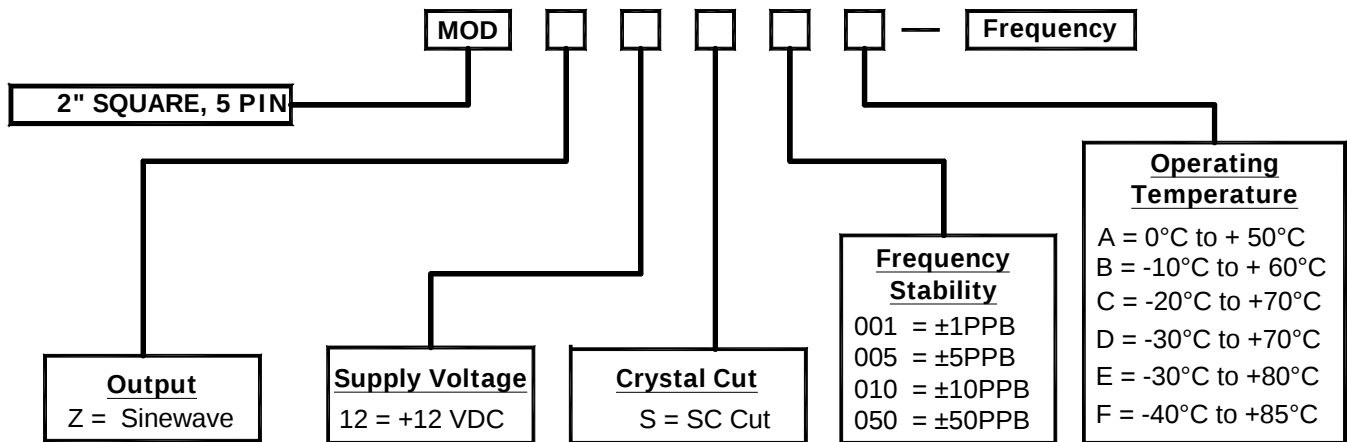


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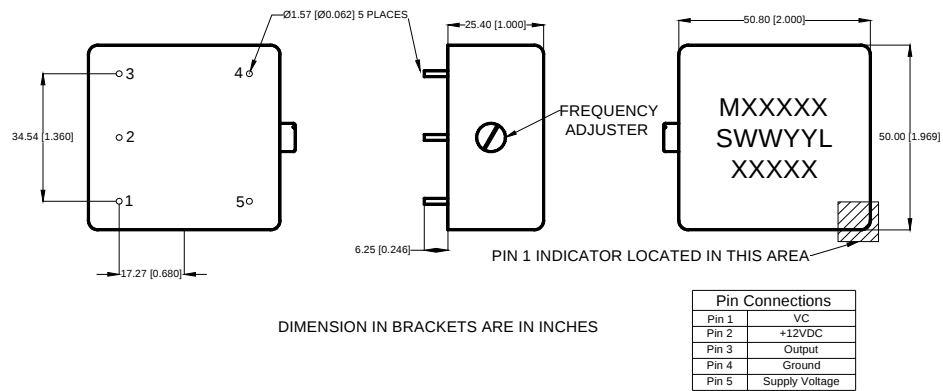
Revision: 07/26/11 E

Part Number Guide



Please Consult with MMD Sales Department for any other Parameters or Options

Mechanical Details



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