### **MIMH Series**



- O 5 x 7 Ceramic SMD 4 Pads Oscillator
- O Wide Frequency Range
- O -55°C to +125°C Operation
- O RoHS Compliant

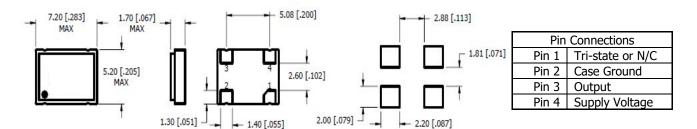


# **Electrical Specifications:**

Frequency Range		1.500MHZ to 156.520MHZ	
Freq Tolerance @ +25°C		±25ppm	
Freq Stability (Inclusive of Temp., Load, Voltage, and Aging)		(See Part Number Guide for Options)	
Operating Temp Range		(See Part Number Guide for Options)	
Storage Temp. Range		-55°C to +125°C	
Supply Voltage (Vdd)		+3.3 VDC ±5%	+5.0 VDC ±5%
Supply Current	1.500MHZ to 20.000MHZ	12 mA max	20 mA max
	21.000MHZ to 50.000MHZ	15 mA max	35 mA max
	51.000MHZ and above	40 mA max	60 mA max
Waveform		HCMOS	
Logic "0"		10% Vdd max	
Logic "1"		90% Vdd min	
Symmetry (50% of waveform)		(See Part Number Guide for Options)	
Load		5 TTL Gates or 30pF Load max	10 TTL Gates or 50pF Load max
Rise / Fall Time (20% to 80%)		6 nSec max	
Start Time		10 mSec max	
Tri-state Operation		Vih = 70% of Vdd min to Enable Output Vil = 30% max or grounded to Disable Output (High Impedance)	



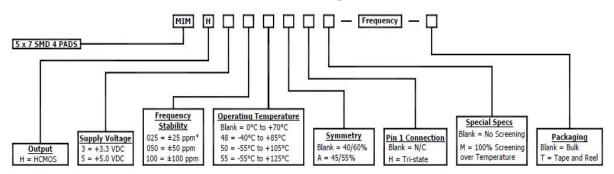
#### **Mechanical Dimensions:**



Dimension in Brackets are in Inches External Bypass Capacitor is recommended

Recommended Land Pattern

### **Part Numbering Guide:**



Please Consult with MMD Sales Department for any other Parameters or Options \*±25 ppm between -40°C to +85°C only

## **Tape & Reel Dimensions**

