

# MVKH Series VCXO



- Surface Mount Package
- +2.5VDC, +3.3VDC, +5.0VDC Supply Voltage
- HCMOS Output
- RoHS Compliant



Supply Voltage (Vdd)	+2.5VDC ±10%	+3.3DC ±10%	+5.0VDC ±10%
Frequency Range	1.544MHZ TO 180.000MHZ		1.544MHZ TO 50.000MHZ
Frequency Stability at +25°C	±10 ppm at nominal VC		
Frequency 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	-40°C to +85°C		
Supply Current	60mA max	60mA max	85mA max
Load	15pF	30pF	30pF
Output	HCMOS		
Logic "0"	10% Vdd max		
Logic "1"	90% Vdd min		
Symmetry (50% of waveform)	40%/60%		
Rise / Fall Time (10% to 90%)	10nSec max		
Start Time	10mSec max		
Control Voltage	1.25 VDC ±1.00 VDC	1.65 VDC ±1.50 VDC	2.50 VDC ±2.00 VDC
Linearity	(See Part Number Guide for Options)		
Pullability	(See Part Number Guide for Options)		

## Environmental & Mechanical Detail

Shock	MIL-STD-883, Method 2002 Cond B
Solderability	MIL-STD-883, Method 2003
Vibration	MIL-STD-883, Method 2007, Cond A

## 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) Jan 27 2011=1105
L	=	Denotes RoHS Compliant
Line 3 = XXXXX		
Internal use only		
May vary with lots		
Black dot to denote Pin 1		

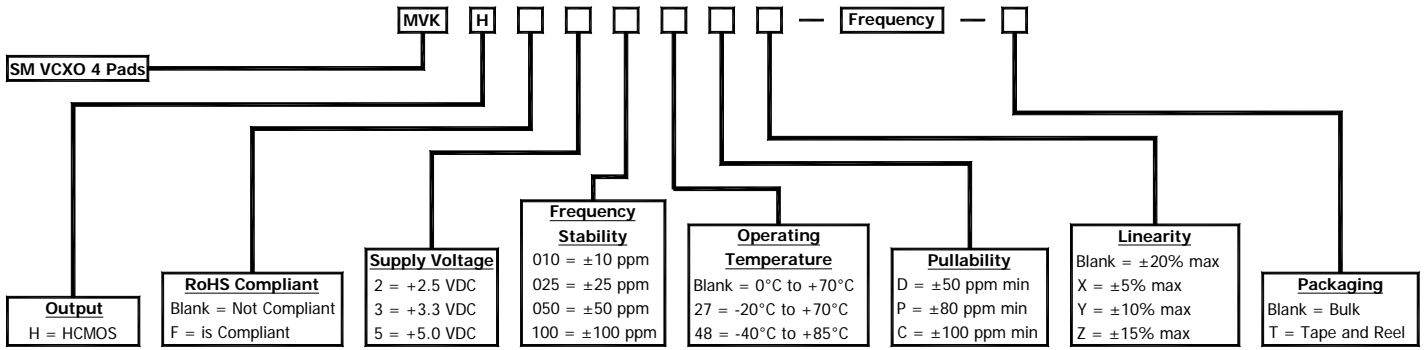


MMD Monitor/Quartztek  
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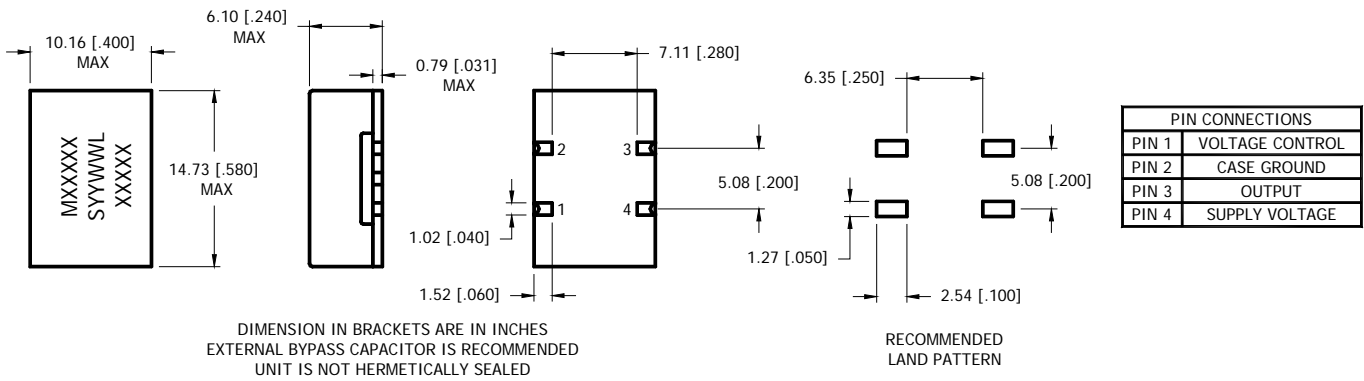
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# Part Number Guide

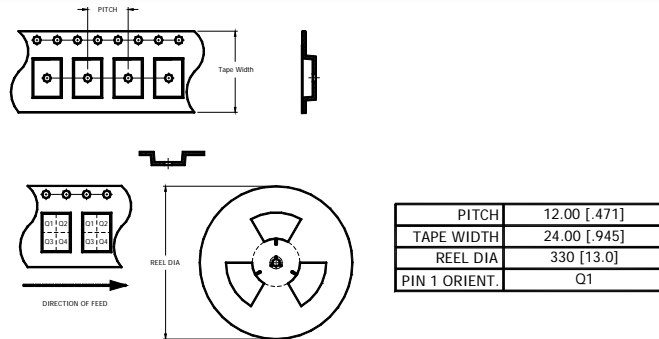


Please Consult with MMD Sales Department for any other Parameters or Options

# Mechanical Details



# Tape & Reel Dimensions



**NOTES: UNLESS OTHERWISE SPECIFIED**

- Applicable Standards / Specifications  
ANSI Y14.5M, Dimensions and Tolerances  
EIA-481-B, 8 mm through 200mm Embossed Carrier Taping and 8 mm and 12 mm Punched Carrier Taping of Surface Mount Components for Automatic Handling.
- Dimensions are in millimeters [inch].
- Tolerances are ±0.1 [.004] mm unless otherwise specified.
- Do not scale drawing.



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