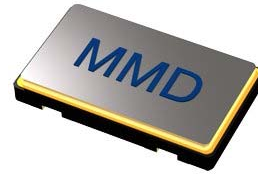


MTK VC-TCXO Series Spec



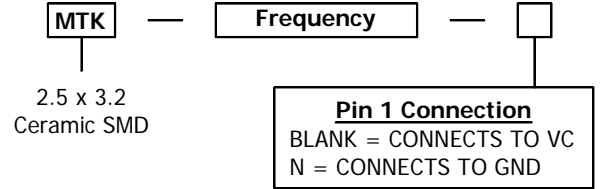
- 2.5 x 3.2 mm Surface Mount Package
- Low Current Consumption
- ±0.5 ppm at Time of Shipping
- Sine wave Output



ELECTRICAL SPECIFICATIONS:

PART NUMBER:

	WITH VC (PIN 1)	WITHOUT VC (PIN 1)
Frequency	14.4 MHz to 19.8 MHz	
Frequency vs Temperature	±2.5 ppm / -20°C to +75°C	
Frequency vs Supply Voltage	±0.2 ppm for 3.00 VDC ±5%	
Frequency at Shipping	±0.5 ppm at +25°C ±2°C	
Frequency vs Aging	±1.0 per year	
Operating Temperature Range	-20°C to +75°C	
Supply Voltage	+3.00 VDC ±5%	
Supply Current	2.0 mA Max at 3.00 VDC at +25°C	
Voltage Controlled Range	±5 ppm to ±15 ppm with +1.50 VDC ±1.00 VDC on Pin 1	Pin 1 connected to ground
Output Level	0.8 Vp-p Min	
Load	10k Ohms in parallel with 10pF ±10%	
Phase Noise	100Hz	-115dBc/Hz
	1kHz	-135dBc/Hz
	10kHz	-145dBc/Hz
Storage Temperature	-40°C to +85°C	



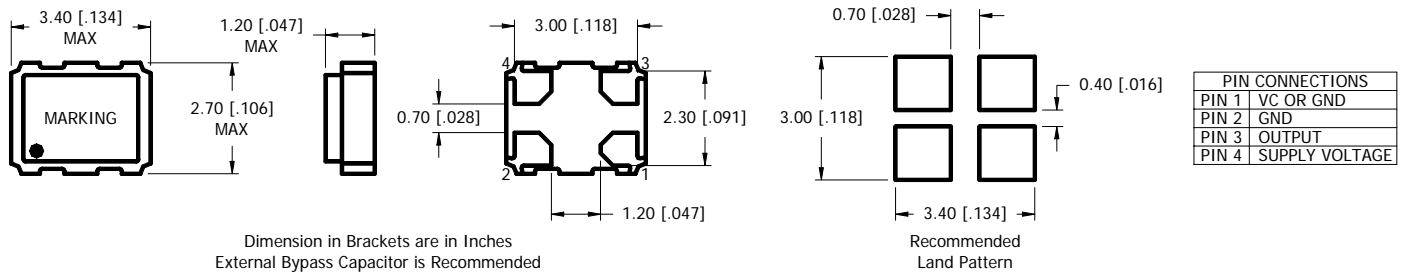
Please Consult with MMD sale department for any others parameters or options.

MARKING:

Line 1: MXX.XXX
XX.XXX = Frequency in MHz

Line 2: SYMMML
S = Internal Code
YYMM = Date Code (Year/Month)
L = Denotes RoHS Compliant

MECHANICAL DETAILS:



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