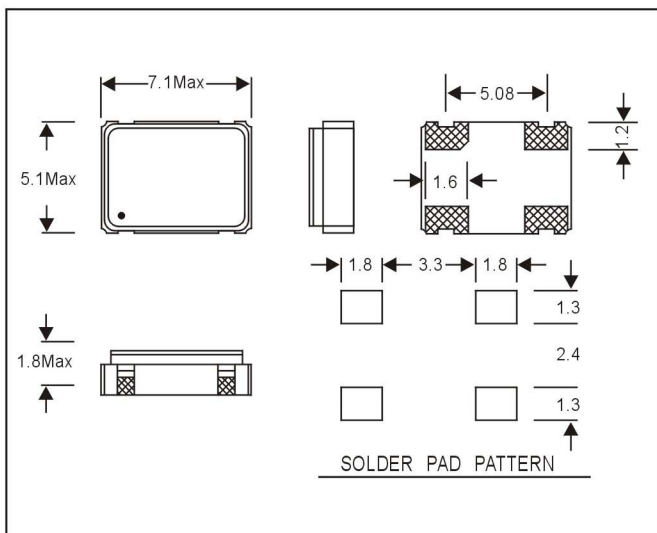


Series SMD VCXO



External dimensions

Unit: mm



Item	Specification	Remarks
Series	MVC	
Nominal Frequency Range	10.000MHz to 40.000MHz	
Frequency Stability ²	±50PPM	
Operating Temperature Range	0°C to +50°C (Standard)	
Storage Temperature Range	-40°C to +85°C	
Supply Voltage	+5VDC ±5% or +5VDC ±5%	
Supply Current	35mA Max	
Absolute Pulling Range	±50PPM, ±100PPM	
Normal Control Voltage	+1.6V ±0.05V or +2.5V ±0.05V	
Control Voltage Range	+1.6V ±1.35V or +2.5V ±2.00V	
Linearity	±10%	
lope	Positive	
Output Waveform ³	CMOS/TTL	±50% ±5%
Symmetry	±50% ±10%	
Rise Time & Fall Time	<10ns	
Modulation Frequency Bandwidth	5KHz Min	
Input Impedance	10K Ω Min	
Phase Noise	10Hz -70dBc/Hz 10KHz -130dBc/Hz	

Remark:

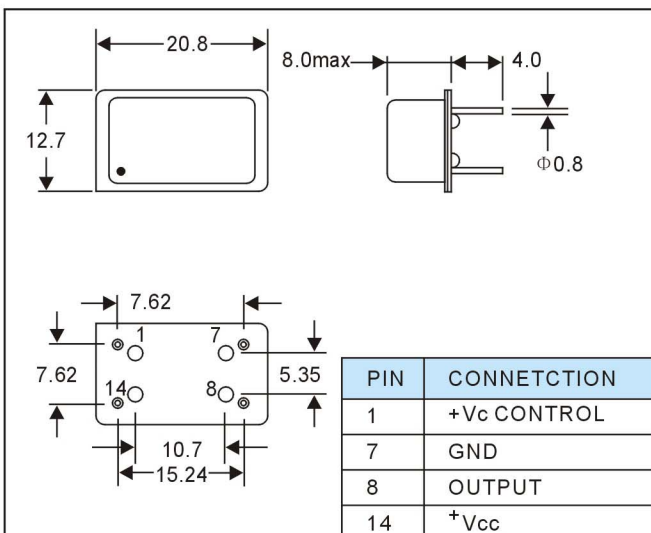
1. All specifications subject to change without notice.
2. Frequency stability included 25°C tolerance, tolerance over the operating temperature range, input voltage change, load change and years aging.

Series VCXO



External dimensions

Unit: mm



Item	Specification	Remarks
Series	VC100 VC200	
Nominal Frequency Range	2.000MHz to 40.000MHz 40.000MHz to 160.000MHz	
Frequency Stability ²	±50PPM or ±100PPM	
Operating Temperature Range	0°C to +50°C / 0°C to +70°C / 40°C to +80°C	
Storage Temperature Range	-55°C to +125°C	
Supply Voltage	+3.3VDC ±5% or +5.0VDC ±5%	
Supply Current	35mA Max 50mA Max	
Absolute Pulling Range	±50PPM to ±100PPM	
Normal Control Voltage	+1.6V ±0.05V or +2.5V ±0.05V	
Control Voltage Range	+1.6V ±1.35V or +2.5V ±2.00V	
Linearity	±10%	
lope	Positive	
Output Waveform ³	CMOS/TTL	±50% ±5%
Symmetry	±50% ±10%	
Rise Time & Fall Time	<10ns	
Modulation Frequency Bandwidth	10KHz Min	
Input Impedance	10K Ω Min	
Phase Noise	10Hz -75dBc/Hz -50dBc/Hz 10KHz -145dBc/Hz -90dBc/Hz	

Remark:

1. All specifications subject to change without notice.
2. Frequency stability included 25°C tolerance, tolerance over the operating temperature range, input voltage change, load change and years aging.