

# Oven Controlled Crystal Oscillator



Size: 25.4×25.4×12.7 mm

9M Series Thru-Hole OCXO

## Features

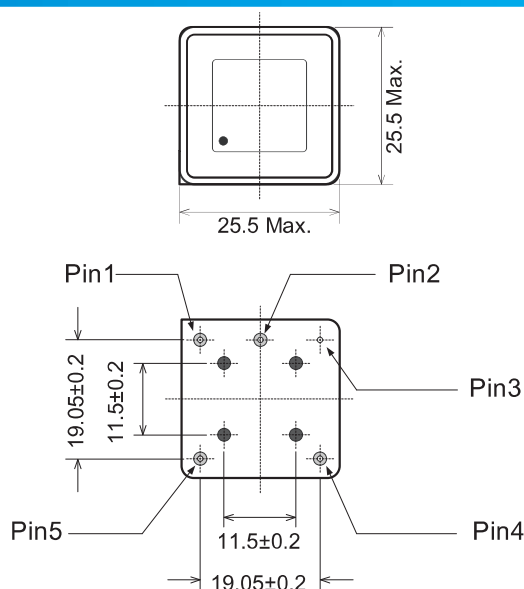
- Small size OCXO 25.4×25.4×12.7mm.
- AT-cut crystal and SC-cut crystal.
- Low phase noise.
- Voltage control(Electronic Frequency Tuning) is standard.
- Application for Base station, Measuring equipment, Synthesizer , Digital switch , Reference Timing Circuit, etc.
- RoHS Compliant.



## Electrical Specifications

Item /Type		9M (Thru-Hole OCXO)
Output Type		LVTTL /Sine Wave
Output Load		15pF
Output Frequency range		5MHz~100MHz
Frequency Control Voltage		5V±0.2V / 12V±0.5V
Supply Voltage		5.0V / 12V
Operating Temperature Range		-30~+70°C, or specify
Frequency Stability	Frequency Tolerance	±100ppb Max.
	Vs. Temperature	±20ppb Max.
	Vs. Supply Voltage	±5ppb Max.
	Vs. Aging	±10ppb Max.
0 Level Output Voltage (Max.)		10% VDD
1 Level Output Voltage (Min.)		90% VDD
Symmetry		20~80%
Frequency Adjustment Range		±0.5ppm
Power Consumption	Warm-up	3W Max.
	Steady State	1W Max.
Phase Noise	Offset 10Hz	-120Bc/Hz
	Offset 100Hz	-140dBc/Hz
	Offset 1KHz	-145dBc/Hz
	Offset 10KHz	-150dBc/Hz
Dimension (L×W×H)		25.4×25.4×12.7 mm

## Dimensions



Units:mm  
 Pin function:  
 Pin 1: Output  
 Pin 2: Ground  
 Pin 3: Vc  
 Pin 4: N.C./Vref (Option)  
 Pin 5: Vcc