

OCXO

5MHz~50MHz 9.0mm*7.0mm, Wide Temperature Range, Ultra Stable OCXO

Quick Detail:

- Aluminum housing
- 3.3V Operating Voltage (VCC)
- -45°C~+85°C operating temperature
- SMD package
- High precision
- Low phase noise
- CMOS or Sine Wave Output Waveform
- CE, RoHS, REACH compliant
- 1 Year Warranty

Description:

The LT-CR-BO0907L is the newest addition to ZR's line of OCXOs. We provide sinewave or CMOS output waveforms with a phase noise of -170 dBc/1Hz (at 10 Hz offset) and have a frequency stability of ± 10 ppb (vs. temperature). These OCXOs are fabricated using an SC-cut crystal that offers high stability and low aging. They are available in surface-mount packages that measure 9.7 x 7.5 x 5.6 mm. These OCXOs are ideal for satellite communications, base stations, measuring instruments, etc...

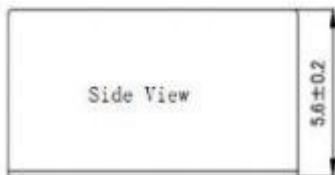
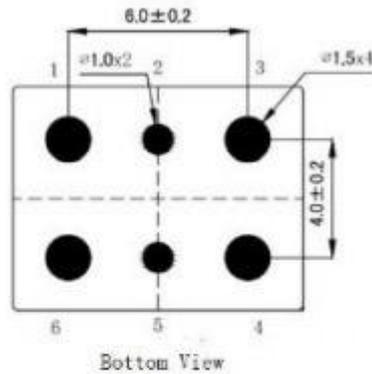
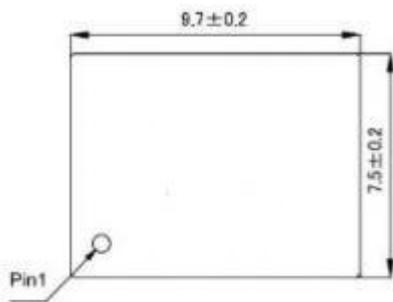
Specifications:

Electrical / Optical Characteristics (Ta=25°C±3°C)

Items	Specification	Conditions
Part Number	LT-CR-BO0907L	
Frequency Range	5MHz~50MHz	
Operating Voltage(VCC)	3.3V	
Setup Power Consumption	≤2.5W	
Operating Temperature	-45°C~85°C	
Frequency Stability vs. Temperature	≤±10ppb	-45°C ~ +85°C
Frequency Tolerance	≤±500ppm	At shipment, nominal EFC, +25°C

Output Waveform		
Output Impedance		
Output Power		
Control Voltage(VC)	1.5V~2.5V	
Voltaged Frequency Range		
Voltage Control Slope		
Voltage Control Linearity		
Input Impedance		
Phase Noise (typ.)	-110dBc/Hz@10Hz; -135dBc/Hz@100Hz; -150dBc/Hz@1kHz; -155dBc/Hz@10kHz; -155dBc/Hz@100kHz	Typical Frequency:10MHz At +25°C
Dimension	9.7×7.5×5.6mm	
Note: for custom specs, please contact us directly.		

Outline Drawing (Unit: mm):



PIN FUNCTIONS	
1	NC
2	NC
3	GND
4	Foot
5	NC
6	VCC