

OCXO

50MHz~200MHz 14.0mm*9.0mm, Wide Temperature Range, Ultra Stable OCXO

Quick Detail:

- Aluminum housing
- 3.3V Operating Voltage (VCC)
- -55°C~+105°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-OC-BO0914H is the newest addition to ZR's line of OCXOs. We provide sinewave or CMOS output waveforms with a phase noise of -100 dBc/1Hz (at 10 Hz offset) and have a frequency stability of ± 50 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 14.6 x 9.6 x 8.0 mm. These OCXOs are ideal for satellite communications, base stations, measuring instruments, etc...

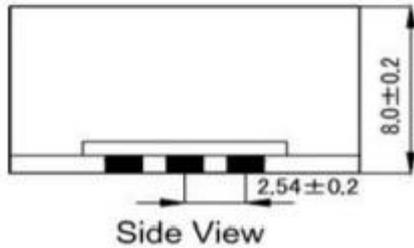
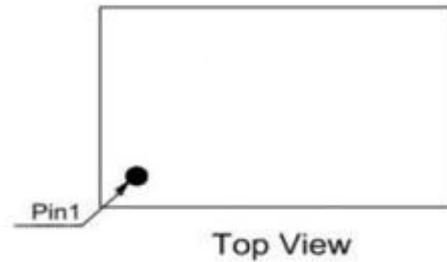
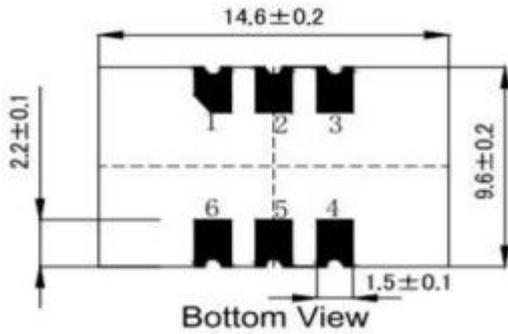
Specifications:

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

Items	Specification	Conditions
Part Number	LT-CR-OC-BO0914H	
Frequency Range	50MHz~200MHz	
Operating Voltage(VCC)	3.3V/5.0V	
Setup Power Consumption	$\leq 3.0W$	
Operating Temperature	-55°C~105°C	
Frequency Stability vs. Temperature	$\leq \pm 50$ ppb	-55°C ~ +85°C
Frequency Tolerance	$\leq \pm 100$ ppm	At shipment, nominal EFC, +25°C
Output Waveform	Sine Wave	

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; -130dBc/Hz@100Hz; -160dBc/Hz@1kHz; -165dBc/Hz@10kHz; -170dBc/Hz@100kHz	Typical Frequency:100MHz At +25°C
Dimension	14.6 x 9.6 x 8.0 mm	
Note: for custom specs, please contact us directly.		

Outline Drawing (Unit: mm):



PIN FUNCTIONS	
1	Vcon/NC
2	NC
3	GND
4	Fout
5	NC
6	VCC