

Aluminum OCXO 50MHz-200MHz with High Precision and Low Phase Noise

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-CR-OC-BO0914H
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



LT-CR-OC-BO0914H

Product Specification

- Features: Low Phase Noise
- Product Name: Oven Controlled Crystal Oscillator (OCXO)
- Application: Satellite Communications, Base Stations, Measuring Instruments, Etc
- Material: Aluminum
- Temperature: -55~85°C
- Frequency Range: 50MHz~200MHz
- Voltage: 3.3V
- Color: Silver
- Highlight: **200MHz Aluminum OCXO,
High Precision Aluminum OCXO,
Low Phase Noise Aluminum OCXO**

Product Description

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

Quick Detail:

- Aluminum housing
- 3.3V Operating Voltage (VCC)
- -55°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:

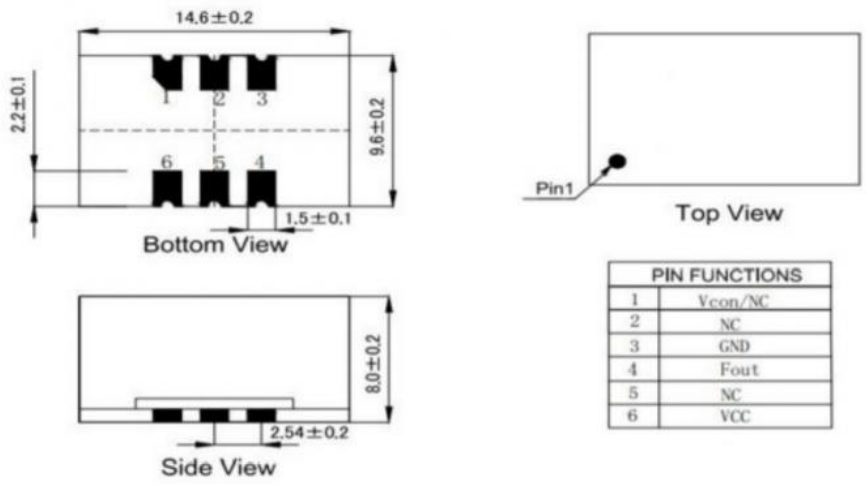
The LT-CR-BO0914H is the newest addition to ZR's line of OCXOs. We provide sinewave or CMOS output waveforms with a phase noise of -100 dBc/1Hz (at 10 Hz offset) and have a frequency stability of ± 50 ppb (vs. temperature). These OCXOs are fabricated using an SC-cut crystal that offers high stability 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 $\pm$ 3°C)

Items	Specification	Conditions
Part Number	LT-CR-BO0914H	
Frequency Range	50MHz~200MHz	
Operating Voltage(VCC)	3.3V/5.0V	
Setup Power Consumption	≤ 3.0 W	
Operating Temperature	-55°C~85°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	50 Ohms	
Output Power	-	
Control Voltage(VC)	1.5V~2.5V	
Voltaged Frequency Range	-	
Voltaged Slope	-	
Voltaged Linearity	-	
Input Impedance	-	
Phase Noise (typ.)	-110dBc/Hz@10Hz -130dBc/Hz@100Hz -160dBc/Hz@1kHz -165dBc/Hz@10kHz -170dBc/Hz@100kHz	Typical Frequency:10MHz At +25°C
Dimension	14.6 x 9.6 x 8.0mm	
Note: for custom specs, please contact us directly.		

Outline Drawing (Unit: mm):



 **ZRHITECH** Sichuan ZR Hi-Tech Ltd.



13541202623



info@zrhitech.com



zrhitech.com

No.1411, Zhuye Building, 100 Xingping Road, Jinniu District, Chengdu, Sichuan Province, CHINA