# 10MHz to 50MHz 14.6mmx9.3mm OCXO Oscillators Wide Temperature Range Ultra Stable

## **Basic Information**

Place of Origin: CHINA
 Brand Name: ZR Hi-Tech
 Model Number: LT-CR-B00914A

Minimum Order Quantity:

Packaging Details: carton packing
Delivery Time: 4 weeks
Payment Terms: T/T



# **Product Specification**

• Features: Low Phase Noise

Product Name: Oven Controlled Crystal Oscillator (OCXO)
 Application: Satellite Communications, Base Stations,

Measuring Instruments, Etc

Material: Aluminum
Temperature: -55~95°C
Frequency Range: 10MHz~50MHz
Voltage: 3.3V/5.0V
Color: Black

Highlight: 14.6mm\*9.3mm OCXO Oscillators,
 Ultra Stable OCXO Oscillators,

50MHz OCXO Oscillators

## **Product Description**

#### 10MHz to 50MHz 14.6mm\*9.3mm, Wide Temperature Range, Ultra Stable OCXO

#### **Quick Detail:**

- · Aluminum housing
- · 3.3V/5V Operating Voltage (VCC)
- · -55°C~+95°C operating temperature
- · SMD package
- · High precision
- · Low phase noise
- · CMOS or Sine Wave Output Waveform
- · CE, RoHS, REACH compliant
- · 1 Year Warranty

#### Description:

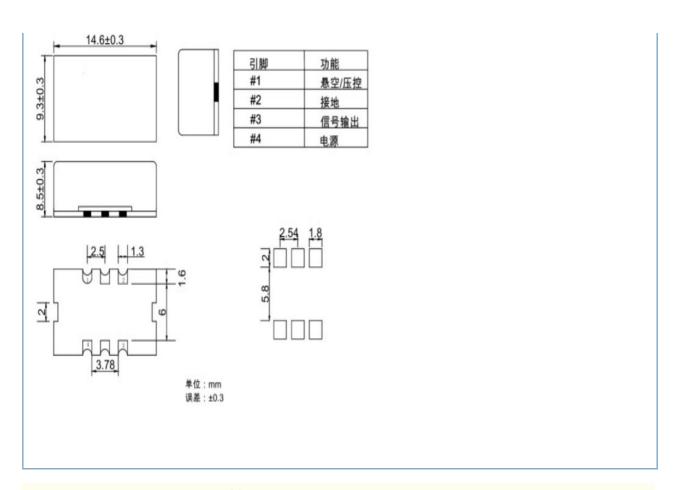
The LT-CR-bo0914a is the newest addition to ZR's line of OCXOs. We provide sinewave or CMOS output waveforms with a phase noise of -110dBc/10MHz (at 10Hz offset) and have a frequency stability of ±500 ppb (vs. temperature). These OCXOs are fabricated using an SC-cut crystal that offers high stability and low aging. They are available in surface-mount packages that measure 14.6 x 9.3 x 8.5 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-BO0914A	
Frequency Range	10MHz~50MHz	
Operating Voltage(VCC)	3.3V/5.0V	
Setup Power Consumption		
Operating Temperature	-55°C~95°C	
Frequency Stability vs. Temperature	≤±500ppb	-55°C ~ +85°C
Frequency Tolerance	≤±0.3ppm	At shipment, nomina EFC, +25°C
Output Waveform	Sine Wave	
Output Impedance		
Output Power		
Control Voltage(VC)	3V~5V	
Voltaged Frequency Range		
Slope	Positive	
Voltage Control Linearity		
Input Impedance		
Phase Noise (typ.)	-110dBc/Hz@10Hz -130dBc/Hz@100Hz -155dBc/Hz@1kHz -160dBc/Hz@10kHz -165dBc/Hz@100kHz	Typical Frequency:10MHz At +25°C
Dimension	14.6 x 9.3 x 8.5 mm	
Note: for custom specs, plea	se contact us directly.	

#### Outline Drawing (Unit: mm):





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