

Ultra Stable 9.35x14.65mm TCXO Oscillators for Test and Measurement Equipment Low Phase Noise 10MHz to 125MHz in Silver

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-CR-BT0914A
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



Product Specification

- Features: Three-stage Bell Temperature Crystal Oscillator, Optional Three-state Control Function, High Precision, Low Phase Noise, There Are Anti-overload Products For Choice, Anti-overload > 30000g
- Product Name: LT-CR Series Temperature-compensated Crystal Oscillator
- Application: Satellite Communication, Military Communication Equipment, Base Station, Test And Measurement Equipment
- Material: Aluminum
- Temperature: $\pm 0.1\text{ppm} \sim \pm 2.0\text{ppm}$
- Frequency Range: 10MHz~125MHz
- Voltage: 3.3V/5V
- Color: Silver
- Highlight: **Silver TCXO Oscillators, Low Phase Noise TCXO Oscillators, 10MHz to 125MHz TCXO**

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Product Description

10MHz to 125MHz 9.35*14.65mm, Ultra Stable, Low Phase Noise TCXO

Quick Detail:

- Aluminum housing
- 3.3V / 5V VCC options
- -50°C~85°C operating temperature
- Small package
- High precision
- Low phase noise
- Optional three-state control function
- Anti-overload > 30000g
- CE, RoHS, REACH compliant
- 1 Year Warranty

Description:

The LT-CR-BT0914A is the newest addition to ZR's line of TCXOs. The standard part offers an ultra-tight stability of ± 0.1 ppm to ± 2.0 ppm over -50°C to +85°C across a supply voltage range of 3.3V / 5.0V. The bt0914a uses a high refresh rate, or frequency calibration rate, to maintain a linear frequency output during temperature compensation. The 14.65 mm x 9.35 mm ceramic package and options for 1,000- or 3,000-piece reels make these components ideal for satellite communication, military communication equipment, base station, test and measurement equipment.

Specifications:

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

Items	Specification	Conditions
Part Number	LT-CR-BT0914A	
Frequency Range	10MHz~125MHz	
Operating Voltage	3.3V / 5V	
Operating current	/	
Working temperature range	-50°C~+85°C	
Frequency Stability vs. Temperature	± 0.1 ppm ~ ± 2.0 ppm	-40°C~+85°C *Height ≥ 7 mm
Initial accuracy of reference temperature	± 0.3 ppm ~ ± 1.0 ppm	At shipment, nominal EFC, +25°C
Output Waveform	CMOS, Sine wave	
Output Load	50Ω	
Output power	/	
Harmonic wave	/	
Stray	/	
Phase noise(typical)	<-150dBc@10MHz~20MHz <-145dBc@10MHz~100Hz <-140dBc@10MHz~100Hz@>100MHz <-135dBc@10MHz~100Hz@>100MHz	@+25°C
Acceleration sensitivity	/	
Dimension	14.65×9.35mm	
Note: For specifications beyond the above table, please contact us for customization.		

Outline Drawing (Unit: mm):

