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

Basic Information

Place of Origin: CHINA
 Brand Name: ZR Hi-Tech
 Model Number: LT-CR-BT0914A

Minimum Order Quantity:

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: ±0.1ppm ~±2.0ppmFrequency Range: 10MHz~125MHz

Voltage: 3.3V/5VColor: Silver

• Highlight: Silver TCXO Oscillators,

Low Phase Noise TCXO Oscillators,

10MHz to 125MHz TCXO

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.

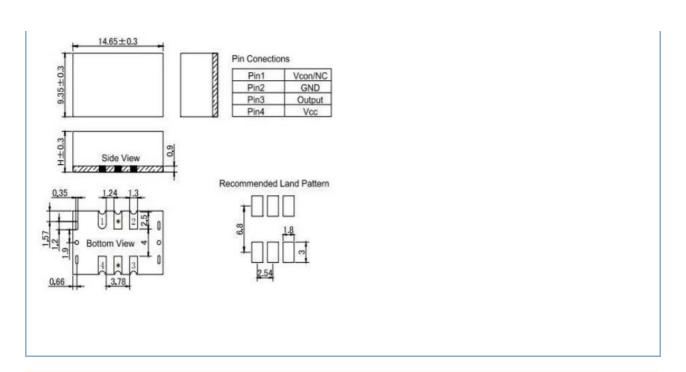
Specifications:

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	-50°C~+85°C	
range		
Frequency Stability vs. Temperature	±0.1ppm ~±2.0ppm	-40°C∼+85°C *Height≥7mm
Initial accuracy of reference temperature	±0.3ppm~±1.0ppm	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@>100 MHz <- 135dBc@10MHz~100Hz@>100 MHz	@+25°C
Acceleration sensitivity	/	
Dimension Note: For specifications	14.65×9.35mm	

Outline Drawing (Unit: mm):

customization.





13541202623



info@zrhitech.com



zrhitech.com

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