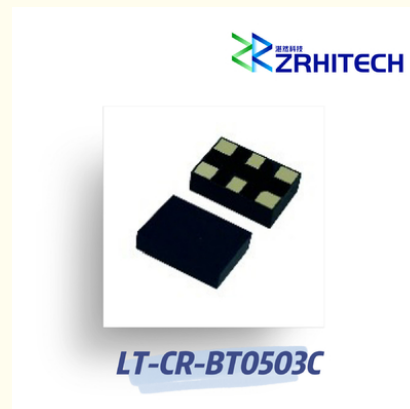


Aluminum SMD 10MHz-52MHz Frequency Range Ultra Stable Fast Warming-Up TCXO 5.2X3.4mm

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-CR-BT0503C
- 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: $\pm 0.05\text{ppm} \sim \pm 0.5\text{ppm}$
- Frequency Range: 10MHz~52MHz
- Voltage: -0.5V/6V
- Color: Black
- Highlight: **Ultra Stable TCXO, 5.2X3.4mm TCXO, 10MHz-52MHz TCXO**

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Product Description

10~52MHz 5.2X3.4mm, SMD, Ultra Stable, Fast Warming-Up TCXO

Quick Detail:

- Aluminum housing
- -0.5/6V VDD options
- -55°C~95°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:

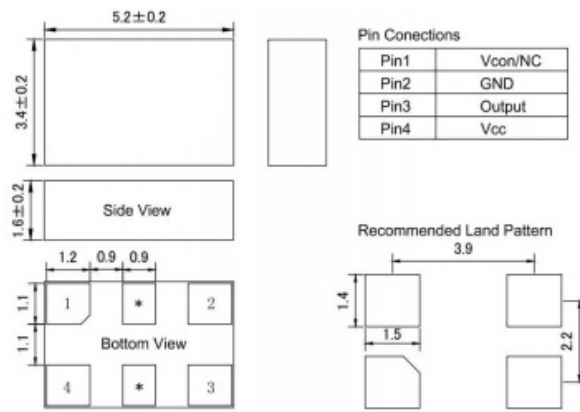
The LT-CR-BT0503C is the newest addition to ZR's line of TCXOs. The standard part offers an ultra-tight stability of ± 0.5 ppm to ± 0.1 ppm over -55°C to +95°C across a supply voltage range of -0.5V /6V. The bt0503c uses a high refresh rate, or frequency calibration rate, to maintain a linear frequency output during temperature compensation. The 5.2 mm x 3.4 mm x 1.6 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-BT0503C	
Frequency Range	10MHz~52MHz	
Operating Voltage	-0.5V / 6V	
Operating current	/	
Working temperature range	-55°C~+95°C	
Frequency Stability vs. Temperature	± 0.3 ppm~ ± 1.0 ppm	-40°C~+85°C
Initial accuracy of reference temperature	± 0.5 ppm	At shipment, nominal EFC, +25°C
Output Waveform	CMOS, Clipped Sine wave	
Output Load	50Ω	
Output power	/	
Harmonic wave	/	
Stray	/	
Phase noise(typical)	<-140dBc@10MHz <-135dBc@10MHz@12.8MHz~20MHz <-130dBc@10MHz@12.8MHz~20MHz @20.48MHz~38.4MHz <-125dBc@10MHz@12.8MHz~20MHz @20.48MHz~38.4MHz@≥40MHz	
Acceleration sensitivity	/	
Dimension	5.2×3.4×1.6mm	
Note: For specifications beyond the above table, please contact us for customization.		

Outline Drawing (Unit: mm):



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