

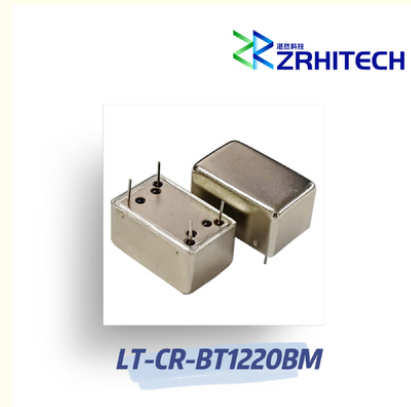
High Stable Black TCXO 50MHz-156.25MHz Frequency Range 12.6X20.2mm Analog Circuit Low Phase Noise

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-CR-BT1220BM
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



Product Specification

- Features: Low Phase Noise
- Product Name: Temperature Controlled Crystal Oscillator (TCXO)
- Application: Satellite Communications, Base Stations, Measuring Instruments, Etc
- Material: Aluminum
- Temperature: -40~85°C
- Frequency Range: 50MHz~156.25MHz
- Voltage: 3.3V/5.0V
- Color: Black
- Highlight: 12.6X20.2mm TCXO, 156.25MHz TCXO, High Stable Black TCXO Oscillators

Product Description

50MHz to 156.25MHz 12.6X20.2mm, Analog Circuit, High Stable, Low Phase Noise TCXO

Quick Detail:

- Aluminum housing
- 3.3V/5V Operating Voltage (VCC)
- -40°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:

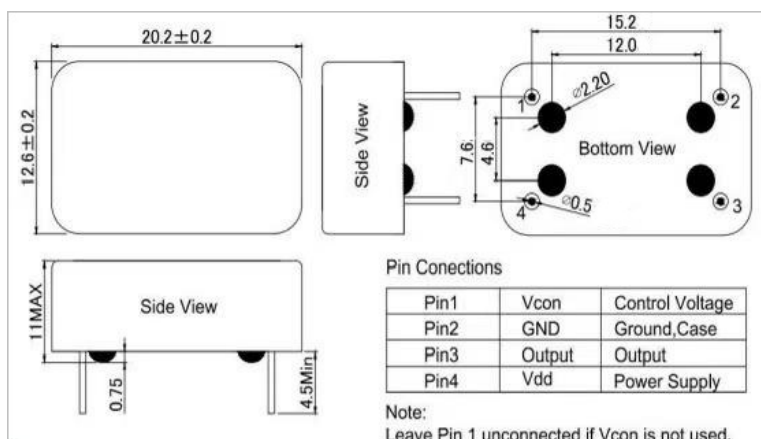
The LT-CR-BT1220BM is the newest addition to ZR's line of TCXOs. The standard part offers an ultra-tight stability of $\pm 0.5\text{ppm}$ to $\pm 3.0\text{ppm}$ over -40°C to +85°C across a supply voltage range of 3.3V/5V. The LT-CR-bt1220b(M) uses a high refresh rate, or frequency calibration rate, to maintain a linear frequency output during temperature compensation. The 20.2 mm x 12.6 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.

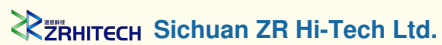
Specifications:

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

Items	specification	Condition
Part Number	LT-CR-bt1220b(M)	
Frequency Range	50MHz~156.25MHz	
Operating Voltage(VCC)	3.3/5V	
Operating Temperature	-40°C~+85°C	
Freq. Stability Vs. Temp.	$\pm 0.5\text{ppm}$ to $\pm 3.0\text{ppm}$	-40°C~+85°C
Frequency Tolerance	$\pm 0.5\text{ppm}$	At shipment, nominal EFC, +25°C
Output Waveform	sine wave	
Voltage-controlled voltage	1.5V±1.5V	
Absolute Pull Range	$\pm 5\sim\pm 12\text{ppm}$	
Phase Noise	<-70dBc@10Hz <-110dBc@100Hz <-140dBc@1kHz <-155dBc@10kHz <-158dBc@100kHz	@100MHz At +25°C
Overload Resistance		
Dimension	20.2 mm x 12.6 mm	

Outline Drawing (Unit: mm):





13541202623



info@zrhitech.com



zrhitech.com

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