

Low Phase Noise Ultra Stable OCXO 20.2mm*12.6mm for 5MHz-200MHz Frequency Range and Wide Temperature Range

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-CR-BO1220A
- Minimum Order Quantity: 1
- 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: -55~85°C
- Frequency Range: 5MHz~200MHz
- Voltage: 3.3V/5.0V
- Color: Black
- Highlight: **Low Phase Noise OCXO, Ultra Stable OCXO, Wide Temperature Range OCXO**

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Product Description

5MHz to 200MHz 20.2mm*12.6mm, Wide Temperature Range, Ultra Stable OCXO

Quick Detail:

- Aluminum housing
- 3.3V/5V Operating Voltage (VCC)
- -55°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-bo1220a is the newest addition to ZR's line of OCXOs. We provide sinewave or CMOS output waveforms with a phase noise of -100dBc/100MHz (at 10Hz offset) and have a frequency stability of ± 100 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 20.2 x 12.6 x 11.0 mm. These OCXOs are ideal for satellite communications, base stations, measuring instruments, etc...

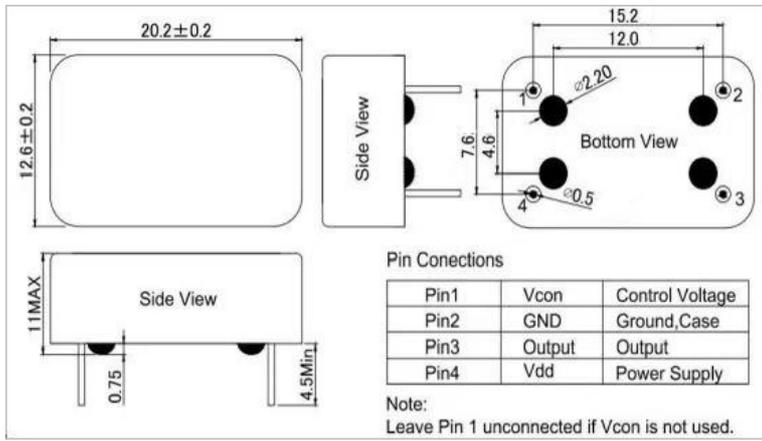
Specifications:

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

| Items | Specification | Conditions |
|-------------------------------------|---|---|
| Part Number | LT-CR-BO1220A | |
| Frequency Range | 5MHz~200MHz | |
| Operating Voltage(VCC) | 3.3V/5.0V | |
| Setup Power Consumption | ≤2.5W | |
| Operating Temperature | -55°C~85°C | |
| Frequency Stability vs. Temperature | ≤±100ppb | -55°C ~ +85°C |
| Frequency Tolerance | ≤±0.1ppm | At shipment, nominal EFC, +25°C |
| Output Waveform | Sine Wave | |
| Output Impedance | | |
| Output Power | | |
| Control Voltage(VC) | 3.3V~5V | |
| Voltaged Frequency Range | | |
| Slope | positive | |
| Linearity | 10% | |
| Input Impedance | | |
| Phase Noise (typ.) | -100dBc/Hz@10Hz -130dBc/Hz@100Hz -155dBc/Hz@1kHz -160dBc/Hz@10kHz -170dBc/Hz@100kHz | Typical Frequency:100MHz At +25°C |
| Dimension | 20.2 x 12.6 x 11.0 mm | |

Note: for custom specs, please contact us directly.

Outline Drawing (Unit: mm):



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