

20x20mm Silver Oven Controlled Crystal Oscillator OCXO 50-120MHz

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-CR-OC-BO2020H
- 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
- Frequency Range: 50MHz~120MHz
- Voltage: 5V/12V
- Color: Silver
- Highlight: **50-120MHz OCXO Oscillators, 20*20mm OCXO Oscillators**

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Product Description

20x20mm Silver Oven Controlled Crystal Oscillator OCXO 50-120MHz

Product Attributes

Attribute	Value
Product name	Oven Controlled Crystal Oscillator (OCXO)
Application	Satellite communications, base stations, measuring instruments, etc
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Product Description

50MHz~120MHz 20mm*20mm, High Stability, Wide Temperature Range OCXO

Quick Detail:

Aluminum housing
5V/12V Operating Voltage (VCC)
-55 ~+85 operating temperature
SMD package
High precision
Low phase noise
CMOS or Sine Wave Output Waveform
CE, RoHS, REACH compliant
1 Year Warranty

The LR-CR-BO2020H is the newest addition to ZR's line of OCXOs. We provide sinewave or CMOS output waveforms with a phase noise of -100 dBc/100MHz (at 10 Hz offset) and have a frequency stability of ± 500 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 12.2 x 11.0 mm. These OCXOs are ideal for satellite communications, base stations, measuring instruments, etc.

Specifications

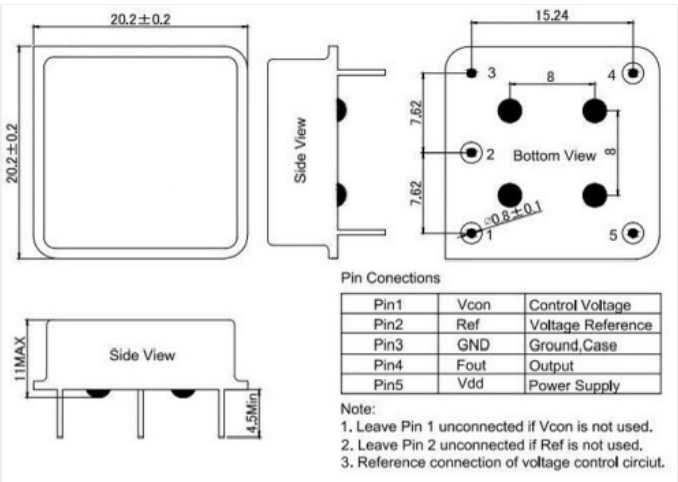
Electrical / Optical Characteristics (Ta=25 $\pm$ 3)

Items	Specification	Conditions
Part Number	LT-CR-BO2020H	
Frequency Range	50MHz~120MHz	
Operating Voltage(VCC)	5V/12V	
Setup Power Consumption	$\leq 4.5W$	

Operating Temperature	-55 ~85	
Frequency Stability vs. Temperature	$\leq \pm 500 \text{ppb}$	-55 ~+85
Frequency Tolerance	$\leq \pm 300 \text{ppm}$	At shipment, nominal EFC, +25
Output Waveform	Sine Wave	
Output Impedance	50 Ohms	
Output Power	-	
Control Voltage(VC)	0V~5V	
Phase Noise (typ.)	-100dBc/Hz@10Hz; -130dBc/Hz@100Hz; -160dBc/Hz@1kHz; -170dBc/Hz@10kHz; -170dBc/Hz@100kHz	Typical Frequency:10MHz At +25
Dimension	20.2 x 12.2 x 11.0mm	

Note: for custom specs, please contact us directly.

Outline Drawing (Unit: mm)



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