

50MHz to 120MHz 25x25mm Oven Controlled Crystal Oscillator OCXO High Precision Low Phase Noise

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-CR-OC-BO2525H
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



LT-CR-OC-BO2525H

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: 50MHz~120MHz
- Voltage: 5V/12V
- Color: Silver
- Highlight: **High Precision OCXO Oscillators,
120MHz OCXO Oscillators,
25*25mm OCXO Oscillators**

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Product Description

50MHz~120MHz 25mm*25mm, Fast Warming-up, Wide Temperature Range, Ultra Stable OCXO

Quick Detail:

- Aluminum housing
- 5V/12V 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:

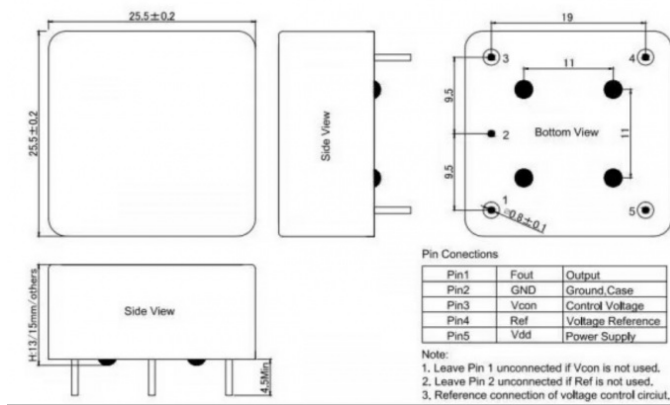
The LT-CR-BO2525H is the newest addition to ZR's line of OCXOs. We provide sinewave or CMOS output waveforms with a phase noise of -100 dBc/100MHz (at 10 Hz offset) and have a frequency stability of ± 500 ppb (vs. temperature). These OCXOs are fabricated using an SC-cut crystal that offers high stability and low aging. They are available in surface-mount packages that measure 25.5 x 25.5 x 13.0 mm. These OCXOs are ideal for satellite communications, base stations, measuring instruments, etc...

Specifications:

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

Items	Specification	Conditions
Part Number	LT-CR-BO2525H	
Frequency Range	50MHz~120MHz	
Operating Voltage(VCC)	5V/12V	
Setup Power Consumption	≤ 4.0 W	
Operating Temperature	-55°C~85°C	
Frequency Stability vs. Temperature	$\leq \pm 500$ ppb	-55°C~+85°C
Frequency Tolerance	$\leq \pm 300$ ppm	At shipment, nominal EFC, +25°C
Output Waveform	Sine Wave	
Output Impedance	50 Ohms	
Output Power	-	
Control Voltage(VC)	0V~5V	
Voltaged Frequency Range	-	
Voltaged Slope	-	
Voltaged Linearity	-	
Input Impedance	-	
Phase Noise (typ.)	-100dBc/Hz@10Hz -135dBc/Hz@100Hz -160dBc/Hz@1kHz -170dBc/Hz@10kHz -173dBc/Hz@100kHz	Typical Frequency:10MHz At +25°C
Dimension	25.5 x 25.5 x 13.0mm	
Note: for custom specs, please contact us directly.		

Outline Drawing (Unit: mm):



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