

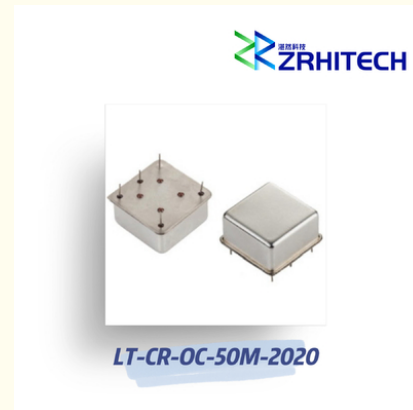
5MHz 100 Mhz 125MHz Oven Controlled Crystal Oscillator Ocxo High Precision Low Phase Noise

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-CR-OC-50M-2020
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



Product Specification

- Features: Low Phase Noise
- Product Name: LT-CR Series Oven Controlled Crystal Oscillator
- Application: Satellite Communications, Base Stations, Measuring Instruments, Etc
- Material: Aluminum
- Temperature: -55~85°C
- Frequency Range: 5MHz~125MHz
- Voltage: 3.3~15V
- Color: Silver
- Highlight: oven controlled crystal oscillator ocxo, ocxo oscillator, 100 mhz ocxo oscillator

Product Description

5MHz~125MHz LT-CR series oven controlled crystal oscillator

Quick Detail:

- · Aluminum housing
- · 3.3V~15V Operating Voltage (VDD)
- · -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:

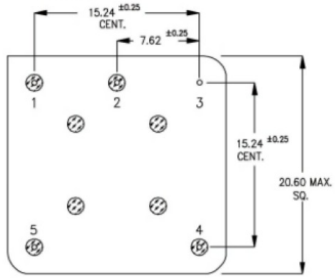
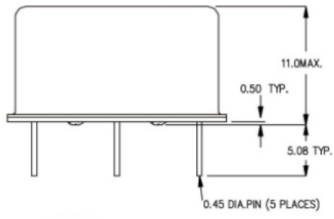
The LT-CR-OC-50M-2020 is the newest addition to ZR's line of OCXOs. We provide sinewave or CMOS output waveforms with a phase noise of -110 dBc/Hz (at 10 Hz offset) and have a frequency stability of ± 10 ppb (vs. temperature). These OCXOs are fabricated using an SC-cut crystal that offers high stability and low aging. They are available in surface-mount packages that measure 20 x 20 x 11 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-OC-50M-2020	
Frequency Range	50M, 5MHz~125MHz	
Operating Voltage(VDD)	3.3~15V	
Setup Power Consumption	≤ 5 W	
Operating Temperature	-55°C~85°C	
Frequency Stability vs. Temperature	$\leq \pm 10$ ppb	Relative to the frequency at 25°C
Frequency Tolerance	$\leq \pm 0.2$ ppm	@25°C ± 1 °C
Output Waveform	C: CMOS , S: Sine wave	
Output Impedance	50ohms	
Output Power	7~13dBm	
Control Voltage(VC)	0V~VREF	
Voltaged Frequency Range	$\geq \pm 0.5$ ppm	
Voltaged Slope	Positive	
Voltaged Linearity	$\leq 10\%$	
Input Impedance	$\geq 100k\Omega$	
Phase Noise (typ.)	-110dBc/Hz@10Hz -140dBc/Hz@100Hz -165dBc/Hz@1kHz -170dBc/Hz@10kHz -175dBc/Hz@100kHz	Typical Frequency:100MHz
Dimension	20 $\times$ 20 $\times$ 11mm	
Note: for custom specs, please contact us directly.		

Outline Drawing (Unit: mm):



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