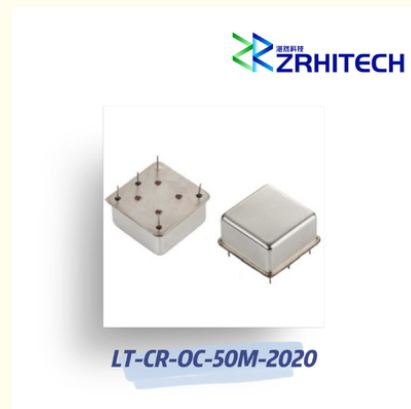


5MHz 100 Mhz 125MHz Oven Controlled Crystal Oscillator Ocxo High Precision Low Phase Noise

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-CR-OC-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
- Frequency Range: 5MHz~125MHz
- Voltage: 3.3~15V
- Color: Silver
- Highlight: oven controlled crystal oscillator ocxo, ocxo oscillator, 100 mhz ocxo oscillator

for more products please visit us on zrhitech.com

Product Description

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

Product Overview

Product Name	LT-CR series oven controlled crystal oscillator
Application	Satellite communications, base stations, measuring instruments, etc
Features	Low Phase Noise
Material	Aluminum
Temperature	-55~85
Frequency Range	5MHz~125MHz
Voltage	3.3~15V
Color	Silver

Product Description

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

Key Features

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

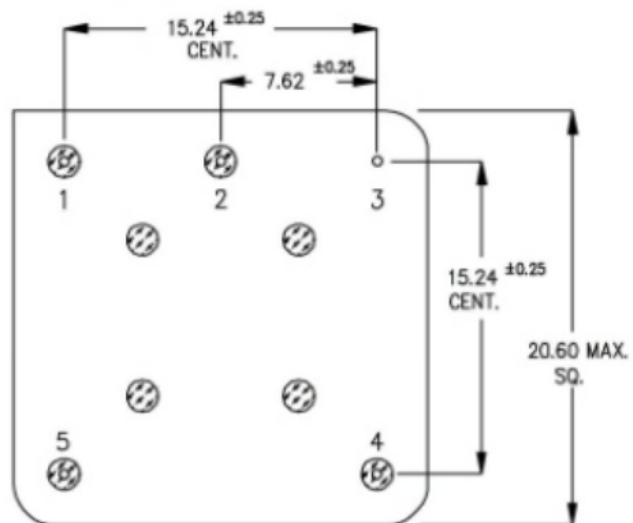
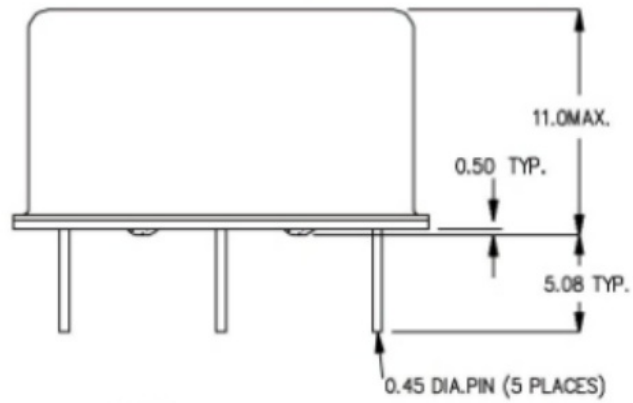
Technical Specifications

Items	Specification	Conditions
Part Number	LT-CR-OC-50M-2020	
Frequency Range	50M,5MHz~125MHz	
Operating Voltage(VDD)	3.3~15V	


Setup Power Consumption	≤5W	
Operating Temperature	-55 ~85	
Frequency Stability vs. Temperature	≤±10ppb	Relative to the frequency at 25
Frequency Tolerance	≤±0.2ppm	@25 ±1
Output Waveform	C: CMOS, S: Sine wave	
Output Impedance	50ohms	
Output Power	7~13dBm	
Control Voltage(VC)	0V~VREF	
Voltage Frequency Range	≥±0.5ppm	
Voltage Slope	Positive	
Voltage Linearity	≤10%	
Input Impedance	≥100kΩ	
Phase Noise (typ.)	-110dBc/Hz@10Hz; -140dBc/Hz@100Hz; -165dBc/Hz@1kHz; -170dBc/Hz@10kHz; -175dBc/Hz@100kHz	Typical Frequency:100MHz
Dimension	20×20×11mm	

Note: for custom specs, please contact us directly.

Outline Drawing



 **ZRHITECH** Sichuan ZR Hi-Tech Ltd.

 17342580638

 info@zrhitech.com

 zrhitech.com

Room 507, Advanced Technology Achievement Western Transformation Center, No. 36 Xingke South Road,
Jinniu District, Chengdu, Sichuan, China