

LT-CR Series Crystal Oscillator With Broadband Frequency 0.1MHz To 200MHz

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-CR-O-50M-2013
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



Product Specification

- Features: Low Power Consumption
- Product Name: LT-CR Series Crystal Oscillator
- Application: Various Electronic Equipment And Instruments In The Field Of National Defense
- Material: Aluminum
- Temperature: -40~125°C
- Frequency Range: 0.1MHz~200MHz
- Operating Voltage: 3.3~5.5V
- Color: Silver
- Highlight: **LT-CR Series Crystal Oscillator,
Crystal Oscillator 0.1MHz,
200 mhz crystal oscillator**

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Product Description

0.1MHz~200MHz LT-CR Series Crystal Oscillator

Quick Detail:

- Aluminum housing
- Broadband Frequency
- -40°C~+125°C operating temperature
- SMD package
- High precision
- Low phase noise
- CMOS Output Waveform
- CE, RoHS, REACH compliant
- 1 Year Warranty

Description:

The LT-CR-O-50M-2013 is the newest addition to ZR's line of Crystal Oscillator (XO) with a CMOS output from 0.1 to 200 MHz. This XO requires a supply voltage of 3.3V to 5.5V. They are available in a hermetically sealed surface-mount package and measure 20.5x7.6x5.3mm. These XOs are widely used in various electronic equipment and instruments in the field of national defense.

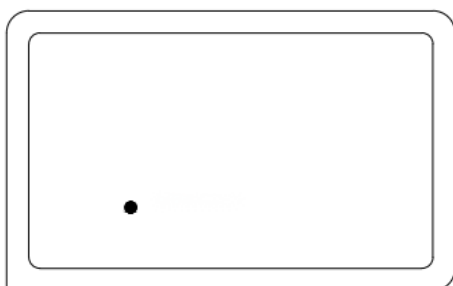
Specifications:

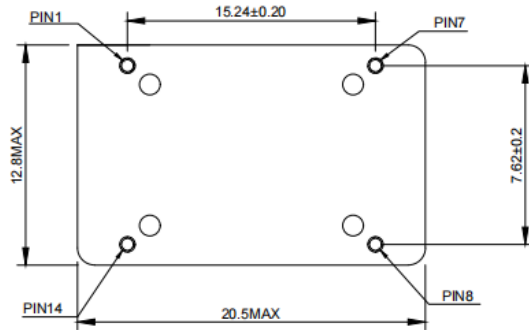
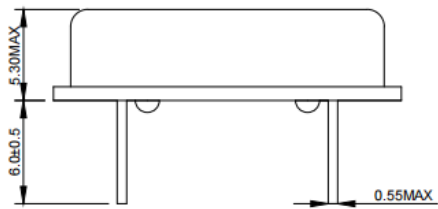
Electrical / Optical Characteristics (Ta=25°C±3°C)

Items	Specification		Conditions
Part Number	LT-CR-O-50M-2013		
Frequency Range	0.1MHz~200MHz		
Operating Voltage	3.3~5.5		
Frequency Stability vs. Temperature	±30ppm		@-40~85°C
	±100ppm		@-55~125°C
Output Waveform	CMOS		
Output Load	15pF		
Duty Cycle(%)	45~55		
Rise/Fall Time(ns)	0.1MHz≤F0 10MHz	20	0.1Vdd~0.9Vdd
	10MHz≤F0 40MHz	10	
	40MHz≤F0 100MHz	6	
	100MHz≤F0 200MHz	3	
Current Consumption(mA)	0.1MHz≤F0 40MHz	5	3.3V non-loaded
	40MHz≤F0 60MHz	15	
	60MHz≤F0 100MHz	25	
	100MHz≤F0 200MHz	40	
Dimension	20.5x12.8x5.3mm		

Note: for custom specs, please contact us directly.

Outline Drawing (Unit: mm):





PIN	Function
1	Suspended
7	GND
8	Output
14	Input

 **Sichuan ZR Hi-Tech Ltd.**



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