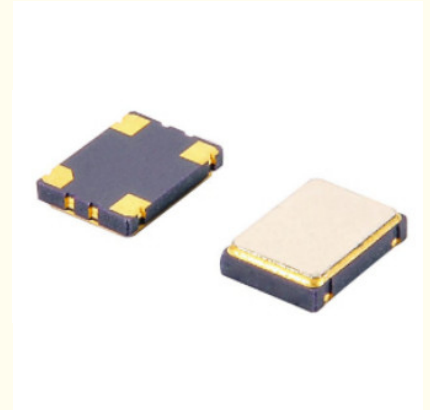


1 Mhz Crystal Oscillator 1MHz-156.25MHz Frequency Range Flexibility

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-CR-O-20M-7050
- 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: 0.032678MHz, 1MHz~156.25MHz
- Operating Voltage: 1.8~5.5V
- Color: Silver
- Highlight: crystal oscillator 1mhz, 1mhz oscillator, 1 mhz crystal oscillator

for more products please visit us on zrhitech.com

Product Description

1MHz~156.25MHz LT-CR series crystal oscillator

Quick Detail:

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

Description:

The LT-CR-O-20M-7050 is the newest addition to ZR's line of Crystal Oscillator (XO) with a CMOS output from 1 to 156.25 MHz. This XO requires a supply voltage of 1.8V to 5.5V and consumes 30 mA of current. They are available in a hermetically sealed surface-mount package and measure 7x5x4mm. These XOs are widely used in various electronic equipment and instruments in the field of national defense.

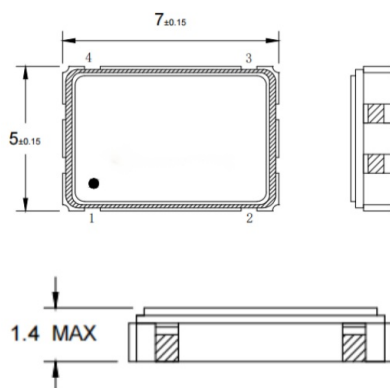
Specifications:

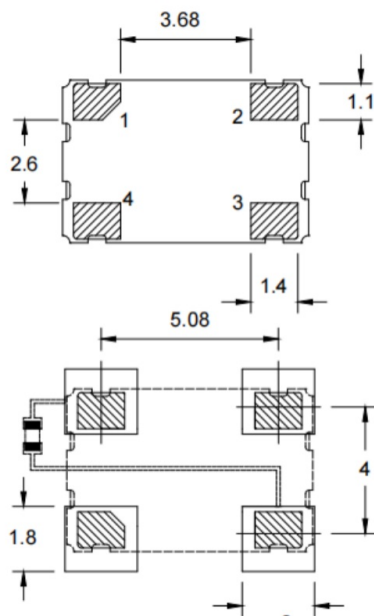
Electrical / Optical Characteristics (Ta=25°C±3°C)

Items	Specification		Conditions
Part Number	LT-CR-O-20M-7050		
Frequency Range	20MHz, 1MHz~156.25MHz		
Operating Voltage	1.8~5.5V		
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)	32.768KHz	100	0.1Vdd~0.9Vdd
	1MHz≤F0 10MHz	10	
	10MHz≤F0 40MHz	6	
	40MHz≤F0 156.25MHz	3	
Current Consumption(mA)	32.768KHz	0.1	3.3V non-loaded
	1MHz≤F0 40MHz	5	
	40MHz≤F0 60MHz	10	
	60MHz≤F0 100MHz	20	
	100MHz≤F0 156.25MHz	30	
Dimension	7x5x4mm		

Note: for custom specs, please contact us directly.

Outline Drawing (Unit: mm):





 **Sichuan ZR Hi-Tech Ltd.**



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