

40mhz 25 Mhz 27mhz Crystek Tcxo Oscillators 2.8V 5V

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-CR-TC-20M-7050
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



Product Specification

- Features: Three-stage Bell Temperature Crystal Oscillator, Optional Three-state Control Function, High Precision, Low Phase Noise, There Are Anti-overload Products For Choice, Anti-overload > 30000g
- Product Name: LT-CR Series Temperature-compensated Crystal Oscillator
- Application: Satellite Communication, Military Communication Equipment, Base Station, Test And Measurement Equipment
- Material: Aluminum
- Temperature: $\pm 0.1\text{ppm}@-40\sim 85^{\circ}\text{C}$, $\pm 0.2\text{ppm}@-40\sim 105^{\circ}\text{C}$
- Frequency Range: 10MHz~50MHz
- Voltage: 2.8V~5V
- Color: Silver
- Highlight: 27mhz tcxo, 25 mhz tcxo, 40mhz tcxo

Product Description

10MHz~50MHz LT-CR series temperature-compensated voltage controlled crystal oscillator

Quick Detail:

- &middledot; Aluminum Housing
- &middledot; 2.8 to 5V VDD options
- &middledot; -40°C~105°C operating temperature
- &middledot; Small Package
- &middledot; High Precision
- &middledot; Low Phase Noise
- &middledot; Optional three-state control function
- &middledot; CE, RoHS, REACH compliant
- &middledot; 1 Year Warranty

Description:

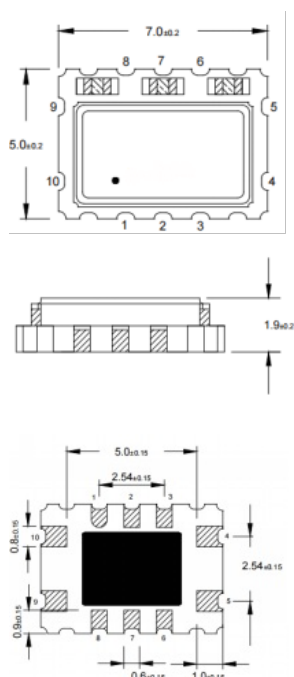
The LT-CR-TC-20M-7050 is the newest addition to ZR's line of TCXOs. The standard part offers an ultra-tight stability of $\pm 0.1\text{ppm}@-40\sim 85^{\circ}\text{C}$, $\pm 0.2\text{ppm}@-40\sim 105^{\circ}\text{C}$ across a supply voltage range of 2.8V to 5V. The LT-CR uses a high refresh rate, or frequency calibration rate, to maintain a linear frequency output during temperature compensation. The $7.0\times 5.0\times 1.9\text{mm}$ package make these components ideal for the satellite communications, military communication equipment, base stations, test and measurement equipment and other fields.

Specifications:

Electrical / Optical Characteristics ($T_a=25^{\circ}\text{C}\pm 3^{\circ}\text{C}$)

Items	Specification	Conditions
Part Number	LT-CR-TC-20M-7050	
Frequency Range	20M,10MHz~50MHz	
Operating voltage	2.8V~5V	
Working temperature range	-40°C~105°C	
Frequency Stability vs. Temperature	±0.1ppm@-40~85°C,±0.2ppm@-40~105°C	Frequency relative to 25°C
Initial accuracy of reference temperature	±2ppm	@25°C±1°C
Output Waveform	C:CMOS X:cut peak sine wave	
Static phase noise	-150dBc/Hz@1kHz	Typical value of 20M products
Vibration phase noise	-115dBc/Hz@1kHz	Typical value of 20M products GJB360B-2009 method 214I-B
Dimension	7.0×5.0×1.9mm	
Note: For specifications beyond the above table, please contact us for customization.		

Outline Drawing (Unit: mm):





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