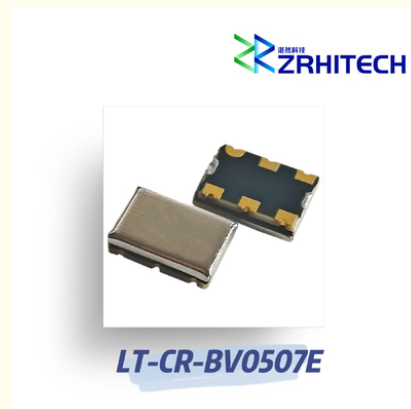


Low Phase Noise 10MHz-50MHz 7.0×5.0mm VCXO with Quick Warm-up High Frequency 3.3V Voltage

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-CR-BV0507E(OE)
- 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 Voltage Controlled Crystal Oscillator
- Application: Telecommunications, Mobile Phones, Global Positioning System (GPS) And Other Electronic Systems
- Material: Aluminum
- Temperature: -40~85°C
- Frequency Range: 10MHz~50MHz
- Voltage: 3.3V
- Color: Silver
- Highlight: **Quick Warm-up VCXO, 7.0×5.0mm VCXO, High Frequency VCXO**

for more products please visit us on zrhitech.com

Product Description

10MHz~50MHz 7.0×5.0mm, Quick Warm-up, High frequency & Low Noise voltage controlled crystal oscillator

Quick Detail:

- Aluminum housing
- 3.3V±5% Operating Voltage (VDD)
- -40°C~+85°C operating temperature
- SMD package
- High precision
- Low phase noise
- HCMOS Output Waveform
- CE, RoHS, REACH compliant
- 1 Year Warranty

Description:

The LT-CR-bv0507e(OE) is the newest addition to ZR's line of VCXOs. The standard part offers an ultra-tight stability of ± 15 ppm over -40°C to +85°C across a supply voltage -3.3V. The LT-CR-bv0507e(OE) uses a high refresh rate, or frequency calibration rate, to maintain a linear frequency output during temperature compensation. The 7.0 mm x 5.0 mm x 2.0 mm ceramic package and options for 1,000- or 3,000-piece reels make these components ideal for satellite communication, military communication equipment, base station, test and measurement equipment.

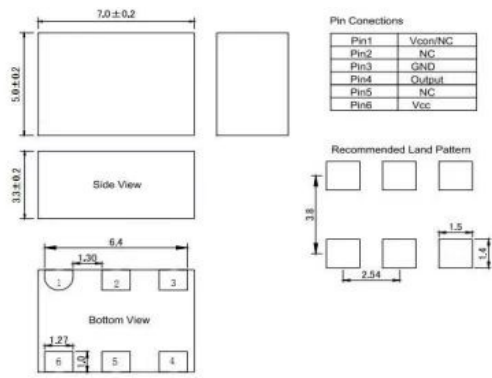
Specifications:


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

Items	Specification	Conditions
Part Number	LT-CR-bv0507e(OE)	
Frequency Range	10MHz~50MHz	
Operating Voltage(VCC)	3.3V	
Operating Current	≤35mA	
Operating Temperature	-40°C~85°C	
Freq. Stability Vs. Temp.	≤±20ppm	Vcon=1.65V, At +25°C
Frequency Tolerance		
Output Waveform	LVC MOS	
Output Load	15pF	
Output logic Level	High Level: ≥2.4V Low Level: ≤0.4V	
Rise/Fall Time	≤3ns	LVC MOS Output, Load=15pf
Duty Cycle(%)	45%~55%	
Voltaged Voltage Range(VC)	0~3.3	
Voltaged Frequency Range	≥±30ppm	
Slope	Positive	
Linearity	≤10%	
Input Impedance		
Phase Noise (typ.)	-70dBc/Hz @10Hz -110dBc/Hz @100Hz -140dBc/Hz @1kHz -150dBc/Hz @10kHz -160dBc/Hz @100kHz	Typical Frequency:16.384MHz At +25°C
Dimension	7.0 mm x 5.0 mm x 2.0 mm	

Note: for custom specs, please contact us directly.

Outline Drawing (Unit: mm):



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



info@zrhitech.com



zrhitech.com

No.1411, Zhuye Building, 100 Xingping Road, Jinniu District, Chengdu, Sichuan Province, CHINA