

TCXO

23.768KHz 3.2×2.5mm for Real Time Clock, Portable Instruments, Timing Synchronization TCXO

Quick Detail:

- Aluminum housing
- 1.8 to 5V VDD options
- -40°C~85°C operating temperature
- Small package
- High precision
- Low phase noise
- Optional three-state control function
- Anti-overload > 30000g
- CE, RoHS, REACH compliant
- 1 Year Warranty

Description:

The LT-CR-BT3225-RTC is the newest addition to ZR's line of TCXOs. The standard part offers an ultra-tight stability of ± 5.0 ppm over -40°C to +85°C across a supply voltage range of 1.8V to 5V. The bt3225-rtc uses a high refresh rate, or frequency calibration rate, to maintain a linear frequency output during temperature compensation. The 3.2 mm x 2.5 mm x 1.3 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.

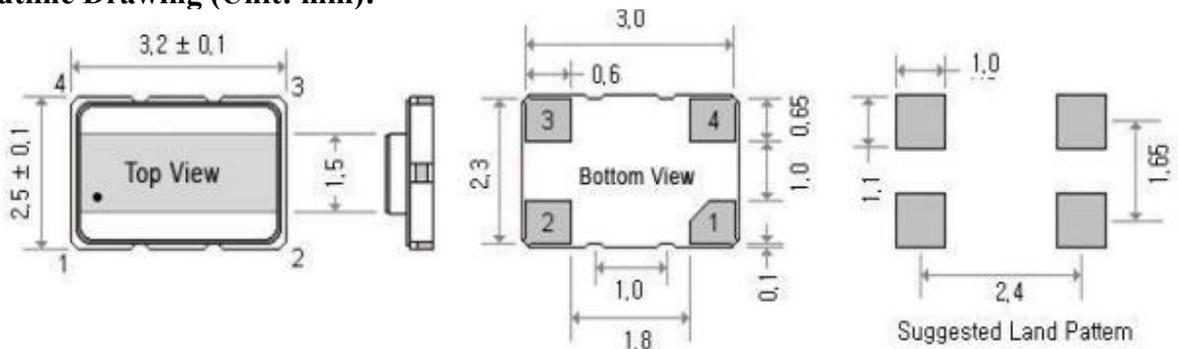
Specifications:

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

Items	specification	Condition
Part Number	LT-CR-BT3225-RTC	
Frequency Range	32.768KHz	
Operating Voltage	1.8/2.5/3.0/3.3/5V	
Operating Temperature	-40°C~+85°C	
Freq. Stability Vs. Temp.	± 5.0 ppm	-40°C~+85°C
Frequency Tolerance	± 1.5 ppm	At shipment, nominal EFC, +25°C
Output Waveform	LVCMOS	

Voltage-controlled voltage		
Absolute Pull Range		
Phase Noise		
Overload Resistance		
Dimension	3.2 mm x 2.5 mm x 1.3 mm	

Outline Drawing (Unit: mm):



- Pad Connections:
 Pad 1 : Output Enable
 Pad 2 : Ground
 Pad 3 : Frequency Output
 Pad 4 : Supply Voltage