

# OCXO

## 5MHz~200MHz 20.2mm\*12.6mm, Wide Temperature Range, Ultra Stable OCXO

### Quick Detail:

- Aluminum housing
- 3.3V/5V Operating Voltage (VCC)
- -55°C~+85°C operating temperature
- SMD package
- High precision
- Low phase noise
- CMOS or Sine Wave Output Waveform
- CE, RoHS, REACH compliant
- 1 Year Warranty

### Description:

The LT-CR-BO1220A is the newest addition to ZR's line of OCXOs. We provide sinewave or CMOS output waveforms with a phase noise of -100dBc/100MHz (at 10Hz offset) and have a frequency stability of  $\pm 100$  ppb (vs. temperature). These OCXOs are fabricated using an SC-cut crystal that offers high stability and low aging. They are available in surface-mount packages that measure 20.2 x 12.6 x 11.0 mm. These OCXOs are ideal for satellite communications, base stations, measuring instruments, etc...

### Specifications:

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

Items	Specification	Conditions
Part Number	LT-CR-BO1220A	
Frequency Range	5MHz~200MHz	
Operating Voltage(VCC)	3.3V/5.0V	
Setup Power Consumption	$\leq 2.5W$	
Operating Temperature	-55°C~85°C	
Frequency Stability vs. Temperature	$\leq \pm 100$ ppb	-55°C ~ +85°C
Frequency Tolerance	$\leq \pm 0.1$ ppm	At shipment, nominal EFC, +25°C
Output Waveform	Sine Wave	

Output Impedance		
Output Power		
Control Voltage(VC)	3.3V~5V	
Voltaged Frequency Range		
Slope	positive	
Linearity	10%	
Input Impedance		
Phase Noise (typ.)	-100dBc/Hz@10Hz; -130dBc/Hz@100Hz; -155dBc/Hz@1kHz; -160dBc/Hz@10kHz; -170dBc/Hz@100kHz	Typical Frequency:100MHz At +25℃
Dimension	20.2 x 12.6 x 11.0 mm	
Note: for custom specs, please contact us directly.		

### Outline Drawing (Unit: mm):

