

OCXO

10MHz~50MHz 14.6mm*9.3mm, Wide Temperature Range, Ultra Stable OCXO

Quick Detail:

- Aluminum housing
- 3.3V/5V Operating Voltage (VCC)
- -55°C~+95°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-BO0914A is the newest addition to ZR's line of OCXOs. We provide sinewave or CMOS output waveforms with a phase noise of -110dBc/10MHz (at 10Hz offset) and have a frequency stability of ± 500 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 14.6 x 9.3 x 8.5 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-BO0914A	
Frequency Range	10MHz~50MHz	
Operating Voltage(VCC)	3.3V/5.0V	
Setup Power Consumption		
Operating Temperature	-55°C~95°C	
Frequency Stability vs. Temperature	$\leq \pm 500$ ppb	-55°C ~ +85°C
Frequency Tolerance	≤ 0.3 ppm	At shipment, nominal EFC, +25°C
Output Waveform	Sine Wave	

Output Impedance		
Output Power		
Control Voltage(VC)	3V~5V	
Voltaged Frequency Range		
Slope	Positive	
Voltage Control Linearity		
Input Impedance		
Phase Noise (typ.)	-110dBc/Hz@10Hz; -130dBc/Hz@100Hz; -155dBc/Hz@1kHz; -160dBc/Hz@10kHz; -165dBc/Hz@100kHz	Typical Frequency:10MHz At +25°C
Dimension	14.6 x 9.3 x 8.5 mm	
Note: for custom specs, please contact us directly.		

Outline Drawing (Unit: mm):

