

OCXO(恒温晶振)

5MHz~40MHz LT-CR Series Oven Controlled Crystal Oscillator

Quick Detail:

- temperature characteristics as low as ± 3 ppb, patch type, high stability output
- suitable for satellite communication, military communication equipment, base station, timing board, measuring instrument, digital exchange system, etc

Description:

The LT-CR-OC-20M-3627 is the newest addition to ZR's line of OCXOs. We provide sinewave or CMOS output waveforms with a phase noise of -115dBc/Hz@1Hz; -140dBc/Hz@10Hz; -155dBc/Hz@100Hz; -160dBc/Hz@1kHz; -165dBc/Hz@10kHz and have a frequency stability of ± 3 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 36×27×12.7mm. These OCXOs are ideal for satellite communication, military communication equipment, base station, timing board, measuring instrument, digital exchange system, etc

Specifications:

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

Items	Specification	Conditions
Part Number	LT-CR-OC-20M-3627	
Frequency Range	5MHz~40MHz	
Operating Voltage(VDD)	3.3~15V	
Setup Power Consumption	≤ 5 W	
Operating Temperature	-55°C~85°C	
Frequency Stability vs. Temperature	± 3 ppb	Relative to the frequency at 25°C
Initial accuracy of reference temperature	± 0.1 ppm	@25°C±1°C
Output Waveform	C: CMOS , S: Sine Wave	
Output load	50ohms or 15pF	
Output Power	7~13dBm	

Phase Noise (typ.)	-115dBc/Hz@1Hz; -140dBc/Hz@10Hz; -155dBc/Hz@100Hz; -160dBc/Hz@1kHz; -165dBc/Hz@10kHz;	Typical Frequency:100MHz
Dimension	36×27×12.7mm	
Note: For specifications beyond the above table, please contact us for customization.		

Outline Drawing (Unit: mm):

