

# XO(普通晶振)

## 1MHz~156.25MHz LT-CR series crystal oscillator

### Quick Detail:

- Aluminum housing
- Broadband Frequency
- -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 is the newest addition to ZR's line of Crystal Oscillator (XO) with a HCMOS output from 1 to 20 MHz. This XO requires a supply voltage of 2.97V to 3.63V and consumes 20 mA of current. They are available in a hermetically sealed surface-mount package and measure 7x5x1.4mm. These XOs are widely used in various electronic equipment and instruments in the field of national defense.

### Specifications:

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

Items	Specification	Conditions
Part Number	LT-CR-20M000-7050- 3C	
Frequency Range	20MHz	
Operating Voltage	2.97~3.63V	
Frequency Stability vs. Temperature	±25ppm	@-40~85°C
Output Waveform	HCMOS	
Output Load	15pF	
Duty Cycle(%)	40~60	

Rise/Fall Time(ns)	6ns	10%~90%	0.1Vdd→0.9Vdd
Dimension	7x5x1.4mm		
<b>Note: for custom specs, please contact us directly.</b>			

### Outline Drawing (Unit: mm):

