

## Surface Acoustic Wave Saw Resonators 389.925MHz To 390.075MHz

### Our Product Introduction

#### Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-SR-390-307
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



#### Product Specification

- Highlight: saw resonator crystal,  
390.075MHz saw resonator,  
389.925MHz saw resonator

## Product Description

LT-SR-390-307 LT-SR Series SAW Resonators with Frequency Range 389.925MHz to 390.075MHz  
**389.925MHz to 390.075MHz LT-SR Series SAW Resonator**

### Quick Detail:

- Aluminum Housing
- -40°C~+85°C Operating Temperature
- SMD Package
- DC Voltage: 10V
- RF Power Dissipation: 0dBm
- CE, RoHS, REACH Compliant
- 1 Year Warranty

### Description:

The LT-SR-390-3070 from ZR is a SAW Resonator with Frequency 389.925MHz to 390.075 MHz, Centre Frequency 390 MHz, Insertion Loss 1.5 to 2.2 dB, Quality Factor Loaded 13900. Tags: Surface Mount, SAW Resonator. More details for LT-SR-390-3070 can be seen below.

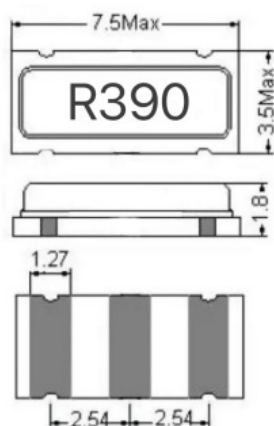
### Specifications:

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

Part Number : LT-SR-390-3070					
Item		Unites	Min.	Typ.	Max.
Center Frequency		MHz	389.925	390.000	390.075
Insertion Loss		dB		1.5	2.2
Quality Factor Unload Q				13900	
50Ω Loaded Q				1500	
Temperature Stability	Turnover Temperature	°C	10	25	40
	Freq.temp.Coefficient	ppm/°C <sup>2</sup>		0.037	
Frequency Aging		ppm/yr		≤±10	
DC. Insulation Resistance		MΩ	1.0		
RF Equivalent RLC Model	Motional Resistance R1	Ω		20	26
	Motional Inductance L1	μ H		110.52	
	Motional Capacitance C1	fF		1.51	
Transducer Static Capacitance		pF		1.70	

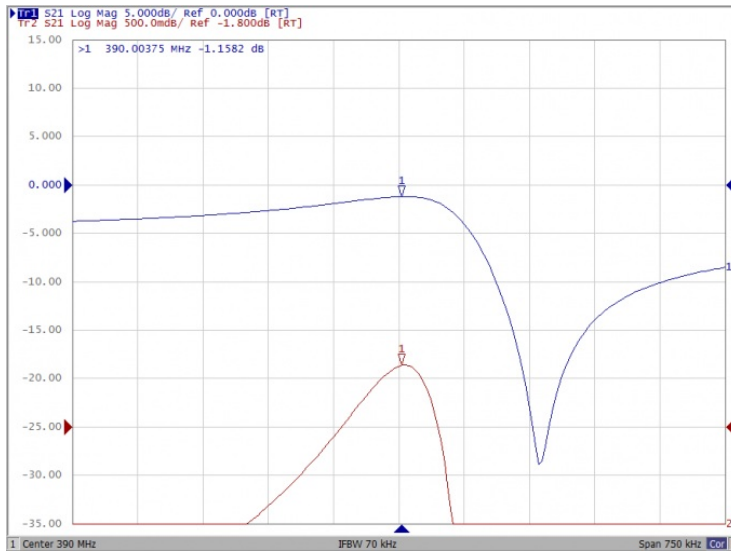
**Note: for custom specs, please contact us directly.**


### Outline Drawing (Unit: mm):



Pin	Configuration
1	Input
3	Output
2	Case Ground

### Typical Frequency Response



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