

## Surface Acoustic Wave Saw Resonators 430.425MHz To 430.575MHz

### Our Product Introduction

#### Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-SR-430M5-3070
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



#### Product Specification

- Highlight: two port saw resonator, One port saw resonator, saw resonator 430.425MHz

## Product Description

LT-SR-430M5-3070 LT-SR Series SAW Resonators with Frequency Range 430.425MHz to 430.575MH  
**430.425MHz to 430.575MHz LT-SR Series SAW Resonator**

### Quick Detail:

- Aluminum Housing
- -20°C~+70°C Operating Temperature
- SMD Package
- DC Voltage:  $\pm 30V$
- RF Power Dissipation: 10dBm
- CE, RoHS, REACH Compliant
- 1 Year Warranty

### Description:

The LT-SR-430M5-3070 from ZR is a SAW Resonator with Frequency 430.425MHz to 430.575MHz, Centre Frequency 430.500MHz, Insertion Loss 1.3 to 2.0 dB, Quality Factor Loaded 13850. Tags: Surface Mount, SAW Resonator. More details for LT-SR-430M5-3070 can be seen below.

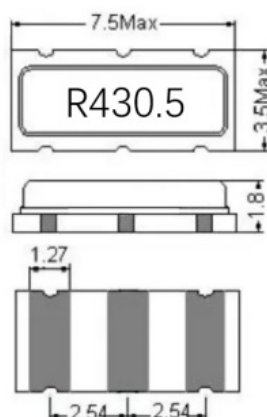
### Specifications:

**Electrical / Optical Characteristics (Ta=25°C $\pm$ 3°C)**

Part Number : LT-SR-430M5-3070					
Item		Unites	Min.	Typ.	Max.
Center Frequency		MHz	430.425	430.500	430.575
Insertion Loss		dB		1.3	2.0
Quality Factor Unload Q				13850	
50 $\Omega$ Loaded Q				1540	
Temperature Stability	Turnover Temperature	°C	5	20	35
	Freq.temp.Coefficient	ppm/°C <sup>2</sup>		0.034	
Frequency Aging		ppm/yr		$\leq \pm 10$	
DC. Insulation Resistance		M $\Omega$	1.0		
RF Equivalent RLC Model	Motional Resistance R1	$\Omega$		14.8	20
	Motional Inductance L1	$\mu H$		88.427	
	Motional Capacitance C1	fF		2.282	
Transducer Static Capacitance		pF		2.2	

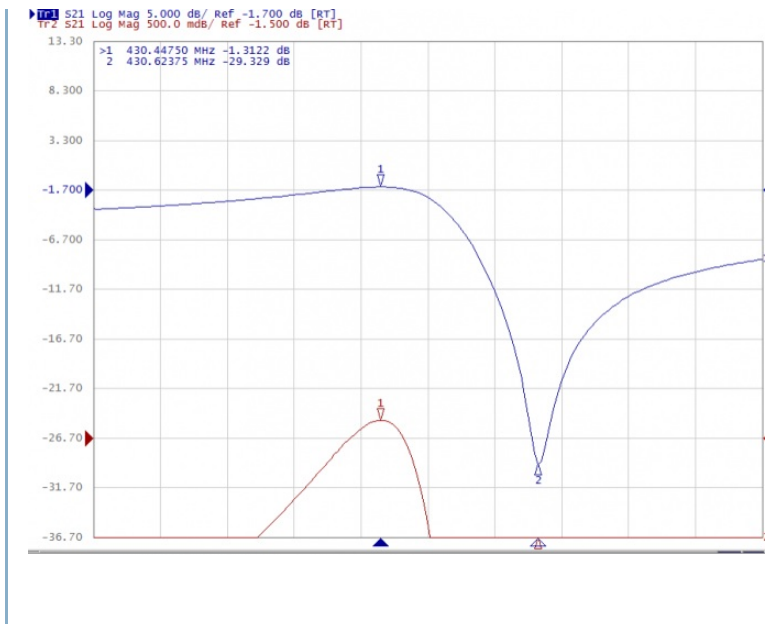
**Note: for custom specs, please contact us directly.**

### Outline Drawing (Unit: mm):



Pin	Configuration
1	Input
3	Output
2	Case Ground

### Typical Frequency Response



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