

## Surface Acoustic Wave Saw Resonators 314.9MHz To 315.1MHz

Our Product Introduction

### Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-SR-315-2016
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



### Product Specification

- Highlight: SAW Resonator for Remote Control,  
Remote Control SAW Resonators,  
315.1MHz SAW Resonators

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## Product Description

LT-SR-315-2016 LT-SR Series SAW Resonators with Frequency Range 314.9MHz to 315.1MHz  
**314.900MHz to 315.100MHz LT-SR Series SAW Resonator**

### Quick Detail:

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

### Description:

The LT-SR-315-2016 from ZR is a SAW Resonator with Frequency 314.900 to 315.100 MHz, Centre Frequency 315 MHz, Insertion Loss 1.3 to 2.2 dB, Quality Factor Loaded 12800. Tags: Surface Mount, SAW Resonator. More details for LT-SR-315-2016 can be seen below.

### Specifications:

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

Part Number :LT-SR-315-2016				
Item	Unites	Min.	Typ.	Max.
Center Frequency	MHz	314.900	315.00	315.100
Insertion Loss	dB		1.3	2.2
Quality Factor Unload Q			12800	
50Ω Loaded Q			2000	
Temperature Stability	Turnover Temperature	°C	-	
	Freq.temp.Coefficient	ppm/°C <sup>2</sup>	0.032	
Frequency Aging	ppm/yr		≤10	
DC. Insulation Resistance	MΩ	1.0		
RF Equivalent RLC Model	Motional Resistance R1	Ω	16	
	Motional Inductance L1	μ H	132	
	Motional Capacitance C1	fF	19.4	

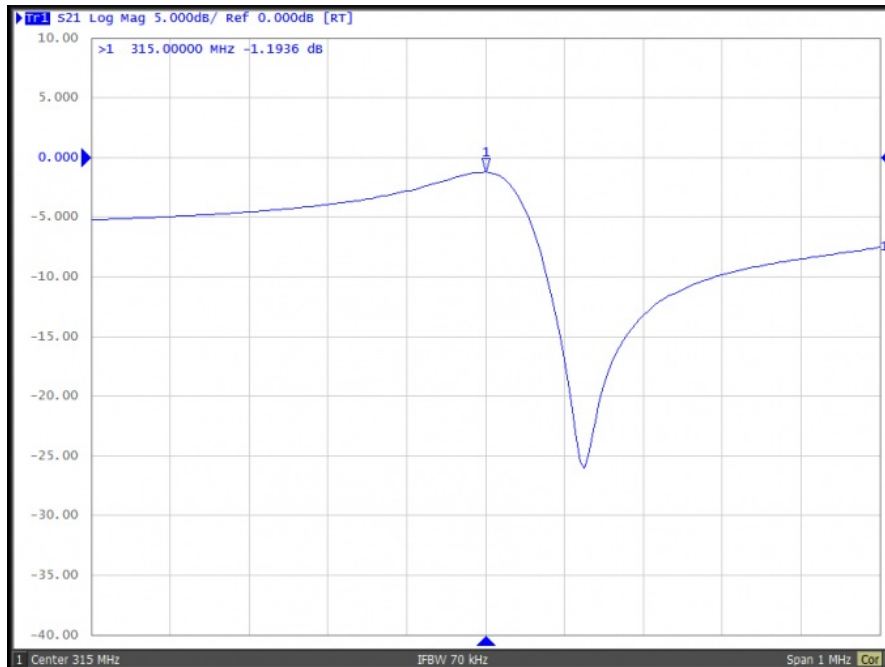
**Note: for custom specs, please contact us directly.**


### Outline Drawing (Unit: mm):



Pin	Configuration
1	Input/Output
2	Input/Output

### Typical Frequency Response



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