

Surface Acoustic Wave Saw Resonators 309.925MHz To 310.075MHz

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-SR-310-3070
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



Product Specification

- Highlight: SAW Device 309.925MHz,
SAW Device 310.075MHz, SAW resonator filter

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Product Description

LT-SR-310-3070 LT-SR Series SAW Resonators with Frequency Range 309.925MHz to 310.075MHz
309.925MHz to 310.075MHz 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-310-3070 from ZR is a SAW Resonator with Frequency 309.925MHz to 310.075MHz, Centre Frequency 310 MHz, Insertion Loss 1.5 to 2.2 dB, Quality Factor Loaded 12800. Tags: Surface Mount, SAW Resonator. More details for LT-SR-310-3070 can be seen below.

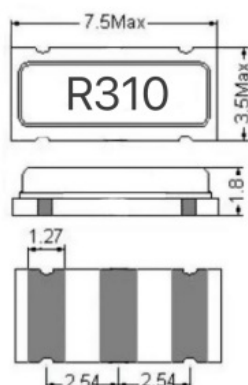
Specifications:

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

Part Number : LT-SR-310-3070				
Item	Unites	Min.	Typ.	Max.
Center Frequency	MHz	309.925	310.000	310.075
Insertion Loss	dB		1.5	2.2
Quality Factor Unload Q			12800	
50Ω Loaded Q			2000	
Temperature Turnover Temperature	°C	10	25	40
Stability Freq.temp.Coefficient	ppm/°C ²		0.037	
Frequency Aging	ppm/yr		≤10	
DC. Insulation Resistance	MΩ	1.0		
RF Equivalent RLC Model	Motional Resistance R1	Ω	16	25
	Motional Inductance L1	μH	156.50	
	Motional Capacitance C1	fF	1.63	

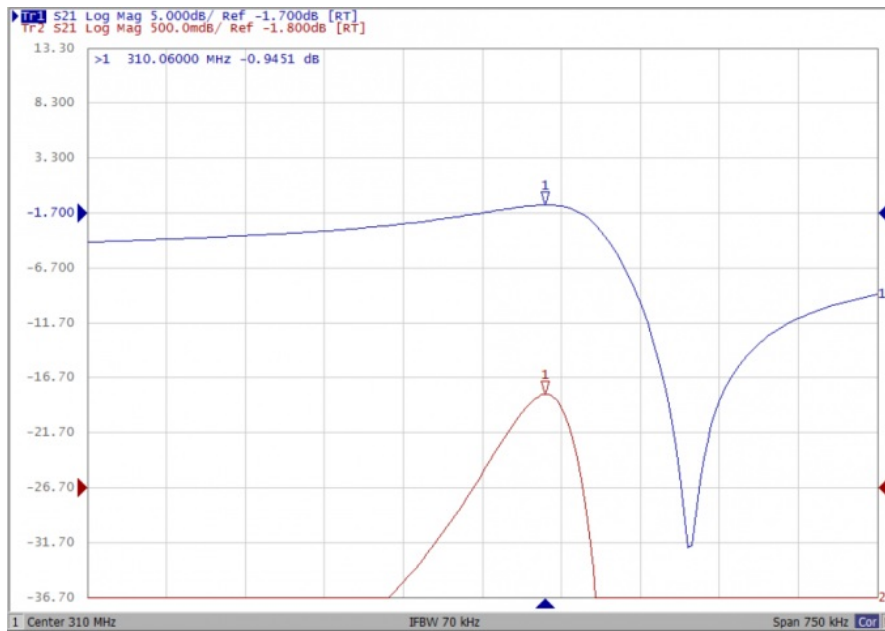
Note: for custom specs, please contact us directly.


Outline Drawing (Unit: mm):



Pin	Configuration
1	Input
3	Output
2	Case Ground

Typical Frequency Response



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