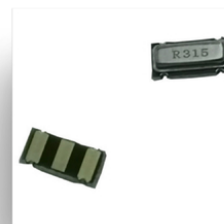


Surface Acoustic Wave Saw Resonators 314.925MHz To 315.075MHz

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-SR-315-3070
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



LT-SR-315-3070

Product Specification

- Highlight: 315mhz saw resonator,
saw resonator 314.925MHz,
saw resonator 315.075MHz



LT-SR-315-3070

Product Description

LT-SR-315-3070 LT-SR Series SAW Resonators with Frequency Range 314.925MHz to 315.075MHz
314.925MHz to 315.075MHz LT-SR Series SAW Resonator

Quick Detail:

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

Description:

The LT-SR-315-3070 from ZR is a SAW Resonator with Frequency 314.925 to 315.075 MHz, Centre Frequency 315 MHz, Insertion Loss 1.4 to 1.8 dB, Capacitance 2.5 pF, Quality Factor Loaded 12000. Tags: Surface Mount, SAW Resonator. More details for LT-SR-315-3070 can be seen below.

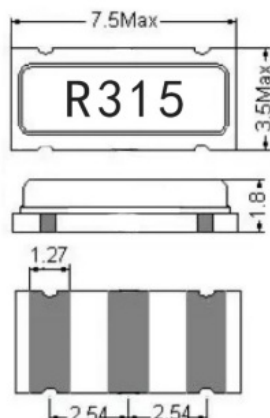
Specifications:

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

Part Number : LT-SR-315-3070					
Item		Unites	Min.	Typ.	Max.
Center Frequency		MHz	314.925	315.000	315.075
Insertion Loss		dB		1.4	1.8
Quality Factor Unload Q				12000	
50Ω; Loaded Q				1000	
Temperature Stability	Turnover Temperature	°C	2	20	35
	Freq.temp.Coefficient	ppm/°C ²		0.046	
Frequency Aging		ppm/yr		≤±10	
DC. Insulation Resistance		MΩ; ;	1.0		
RF Equivalent RLC Model	Motional Resistance R1	Ω; ;		12.2	
	Motional Inductance L1	μ; H		77.6	
	Motional Capacitance C1	fF		3.29	
Transducer Static Capacitance		pF		2.5	

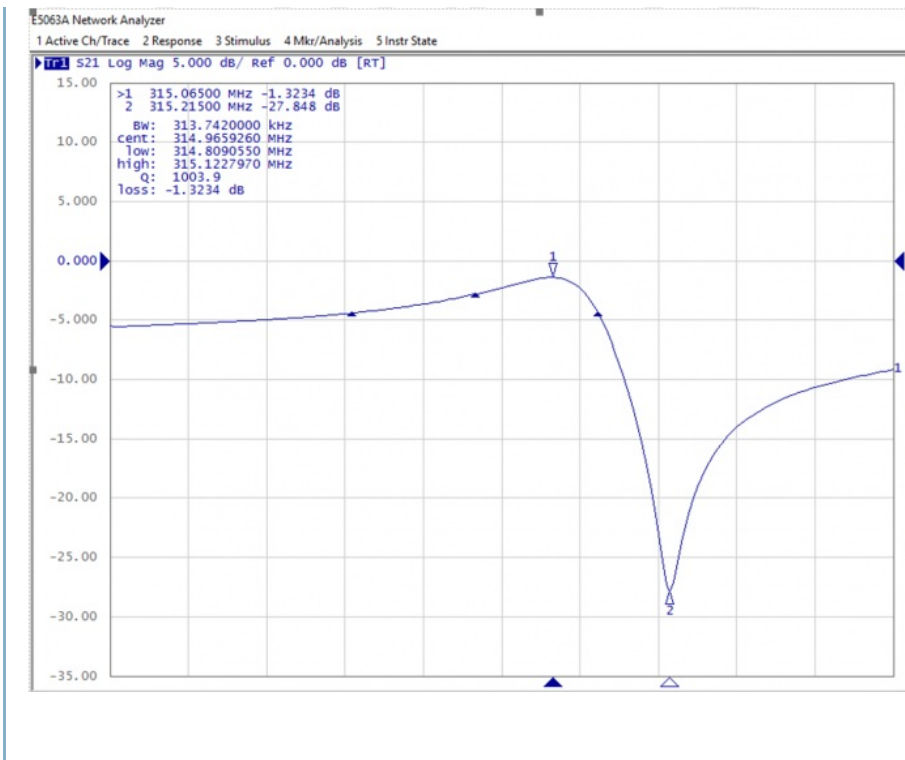
Note: for custom specs, please contact us directly.


Outline Drawing (Unit: mm):



Pin	Configuration
1	Input
3	Output
2	Case Ground

Typical Frequency Response



 **ZRHITECH** Sichuan ZR Hi-Tech Ltd.



13541202623



info@zrhitech.com



zrhitech.com

No.1411, Zhuye Building, 100 Xingping Road, Jinniu District, Chengdu, Sichuan Province, CHINA