Surface Acoustic Wave Saw Resonators 433.820MHz To 434.020MHz

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-SR-433-1814
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T

Product Specification

- Highlight: **433 mhz saw resonator**, **433.42 mhz saw resonator**, **SAW Resonators 433.820MHz**

Product Description

LT-SR-433-1814 LT-SR Series SAW Resonators with Frequency Range 433.820MHz to 434.020MHz
433.820MHz to 434.020MHz LT-SR Series SAW Resonator

Quick Detail:

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

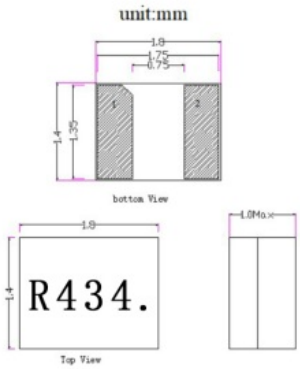
Description:

The LT-SR-433-1814 from ZR is a SAW Resonator with Frequency 433.820MHz to 434.020MHz, Centre Frequency 433.920MHz, Insertion Loss 1.3 to 2.1 dB, Quality Factor Loaded 12000. Tags: Surface Mount, SAW Resonator. More details for LT-SR-433-1814 can be seen below.

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

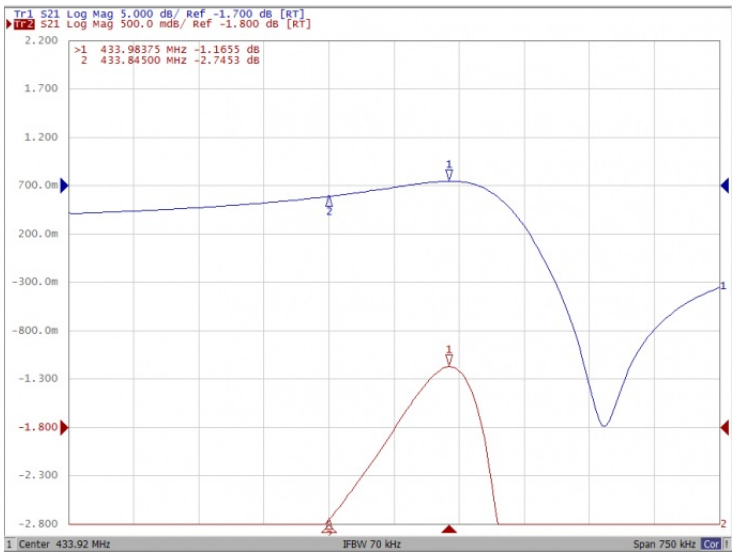
Part Number : LT-SR-433-1814					
Item		**Unites**	**Min.**	**Typ.**	**Max.**
Center Frequency		MHz	433.820	433.920	434.020
Insertion Loss		dB		1.3	2.1
Quality Factor Unload Q				12000	
50Ω Loaded Q				1500	
Temperature Stability	Turnover Temperature	℃	10	25	40
	Freq.temp.Coefficient	ppm/°C2		0.032	
Frequency Aging		ppm/yr		≤±10	
DC. Insulation Resistance		MΩ	1.0		
RF Equivalent RLC Model	Motional Resistance R1	Ω		12.180	
	Motional Inductance L1	μ H		183.00	
	Motional Capacitance C1	fF		0.731	
Transducer Static Capacitance		pF		2.12	
Note: for custom specs, please contact us directly.					

Outline Drawing (Unit: mm):



Pin	Configuration
1	Input/ Output
2	Output/ Input

Typical Frequency Response



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