

Surface Acoustic Wave Saw Resonators 433.870MHz To 433.970MH

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-SR-433-2016($\pm 50K$)
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



Product Specification

- Highlight: 433.92 mhz saw resonator,
crystal saw resonator,
saw resonator 433.870MHz

Product Description

LT-SR-433-2016(± 50 K) LT-SR Series SAW Resonators with Frequency Range 433.870MHz to 433.970MH
433.870MHz to 433.970MHz LT-SR Series SAW Resonator

Quick Detail:

- Aluminum Housing
- -40°C~+85°C Operating Temperature
- SMD Package
- DC Voltage: ± 30 V
- RF Power Dissipation: 10dBm
- CE, RoHS, REACH Compliant
- 1 Year Warranty

Description:

The LT-SR-433-2016(± 50 K) from ZR is a SAW Resonator with Frequency 433.870MHz to 433.970MHz, 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-433-2016(± 50 K) can be seen below.

Specifications:

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

Part Number : LT-SR-433-2016(± 50 K)				
Item	Unites	Min.	Typ.	Max.
Center Frequency	MHz	433.870	433.920	433.970
Insertion Loss	dB		1.3	2.1
Quality Factor Unload Q			12000	
50 Ω Loaded Q			1500	
Temperature Turnover Temperature	°C	10	25	40
Stability Freq.temp.Coefficient	ppm/°C ²		0.032	
Frequency Aging	ppm/yr		$\leq \pm 10$	
DC. Insulation Resistance	M Ω	1.0		
RF Equivalent RLC Model	Motional Resistance R1	Ω	12.196	
	Motional Inductance L1	μ H	183.82	
	Motional Capacitance C1	fF	0.733	
Transducer Static Capacitance	pF		2.23	

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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