Surface Acoustic Wave Saw Resonators 433.870MHz To 433.970MH

Basic Information

- Place of Origin:
- Brand Name: ZR Hi-Tech
- Model Number: LT-SR-433-2016(±50K)

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CHINA

4 weeks T/T

- Minimum Order Quantity:
- Packaging Details: carton packing
- Delivery Time:
- Payment Terms:



Product Specification

Highlight:

433.92 mhz saw resonator, crystal saw resonator, saw resonator 433.870MHz

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Our Product Introduction

LT-SR-433-2016(±50K) 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: ±30V
- RF Power Dissipation: 10dBm • CE, RoHS, REACH Compliant
- · 1 Year Warranty

Description:

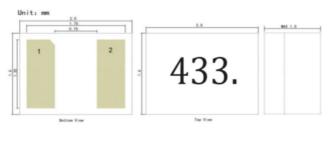
The LT-SR-433-2016(±50K) from ZR is a SAW Resonator with Frequency 433.870MHz to 433.970MHz, Centre Frequency 433.920MHz, Insertion Loss 1.3 to 2.1 dB, Quality Factor Loaded 12000. Tags: Surface Mount, SAW Resonator. More details for LT-SR-433-2016(±50K) can be seen below.

Specifications:

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

| Part Number : LT-SR-433-2016(±50K) | | | | | | |
|------------------------------------|----------------------------|-------------|---------|---------|---------|--|
| Item | | Unites | Min. | Тур. | Max. | |
| Center Frequency | | MHz | 433.870 | 433.920 | 433.970 | |
| Insertion Loss | | dB | | 1.3 | 2.1 | |
| Quality Factor Unload Q | | | | 12000 | | |
| 50Ω Loaded Q | | | 1 | 1500 | | |
| | Turnover Temperature | °C | 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 | | 12.196 | | |
| | Motional Inductance L1 | μH | | 183.82 | | |
| | Motional Capacitance C1 | fF | | 0.733 | | |
| Transducer Static Capacitance | | pF | | 2.23 | | |
| Note: for cust | om specs, please con | tact us dir | ectly. | | | |

Outline Drawing (Unit: mm):



| Pin | Configuration | | |
|-----|---------------|--|--|
| 1 | Input/ Output | | |
| 2 | Output/ Input | | |

Typical Frequency Response

