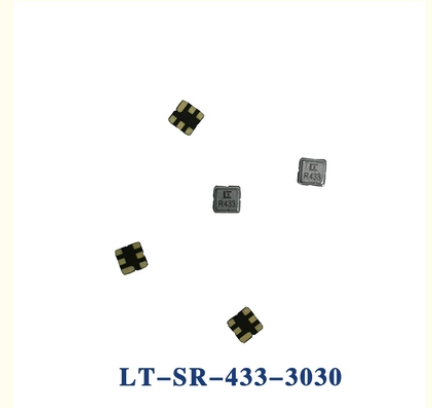


Surface Acoustic Wave Saw Resonators 298.925MHz To 299.075MHz

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-SR-299-3030
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



Product Specification

- Highlight: surface acoustic wave saw resonator,
saw resonators 298.925MHz,
saw resonators 299.075MHz

Product Description

LT-SR-299-3030 LT-SR Series SAW Resonators with Frequency Range 298.925MHz to 299.075MHz
298.925MHz to 299.075MHz 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:

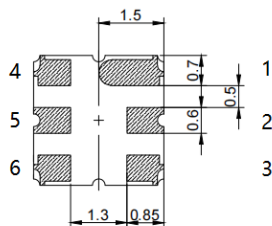
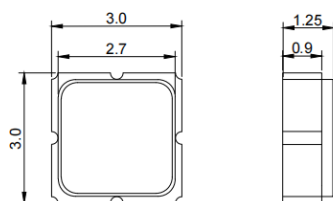
The LT-SR-299-3030 from ZR is a SAW Resonator with Frequency 298.925 to 299.075 MHz, Centre Frequency 299 MHz, Insertion Loss 1.5 to 2.2 dB, Capacitance 2.0 pF, Quality Factor Loaded 8000. Tags: Surface Mount, SAW Resonator. More details for LT-SR-299-3030 can be seen below.

Specifications:

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

Part Number : LT-SR-299-3030				
Item	Unites	Min.	Typ.	Max.
Center Frequency	MHz	298.925	299.000	299.075
Insertion Loss	dB		1.5	2.2
Quality Factor Unload Q		8000	12800	
50Ω Loaded Q		850	1500	
Temperature Turnover Temperature	°C	10	25	40
Stability Freq.temp.Coefficient	ppm/°C ²		0.032	
Frequency Aging	ppm/yr		≤±10	
DC. Insulation Resistance	MΩ	1.0		
RF Equivalent RLC Model	Motional Resistance R1	Ω	21	
	Motional Inductance L1	μ H	174.83	
	Motional Capacitance C1	fF	1.6163	
Transducer Static Capacitance		pF	2.0	
Note: for custom specs, please contact us directly.				

Outline Drawing (Unit: mm):



Pin	Configuration
2	Input
5	Output
1, 3, 4, 6	Case Ground

Typical Frequency Response

