

Surface Acoustic Wave Saw Resonators 417.925MHz To 418.075MHz

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-SR-418-3070
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T



Product Specification

- Highlight: High Frequency SAW Resonators,
SAW Resonators 418.075MHz,
SAW Resonators 417.925MHz

Product Description

LT-SR-418-3070 LT-SR Series SAW Resonators with Frequency Range 417.925MHz to 418.075MHz
417.925MHz to 418.075MHz LT-SR Series SAW Resonator

Quick Detail:

- Aluminum Housing
- -40°C~+85°C Operating Temperature
- SMD Package
- DC Voltage: $\pm 10V$
- CE, RoHS, REACH Compliant
- 1 Year Warranty

Description:

The LT-SR-418-3070 from ZR is a SAW Resonator with Frequency 417.925MHz to 418.075MHz, Centre Frequency 418 MHz, Insertion Loss 1.5 to 2.5 dB, Quality Factor Loaded 12800. Tags: Surface Mount, SAW Resonator. More details for LT-SR-418-3070 can be seen below.

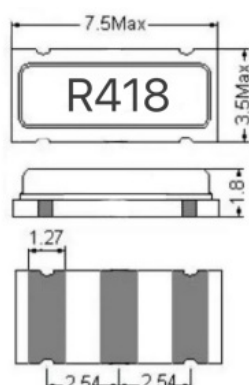
Specifications:

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

Part Number : LT-SR-418-3070					
Item		Unites	Min.	Typ.	Max.
Center Frequency		MHz	417.925	418.000	418.075
Insertion Loss		dB		1.5	2.5
Quality Factor Unload Q				12800	
50 Ω Loaded Q				2000	
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		18	25
	Motional Inductance L1	μH		95.10	
	Motional Capacitance C1	fF		1.49	
Transducer Static Capacitance		pF		1.76	

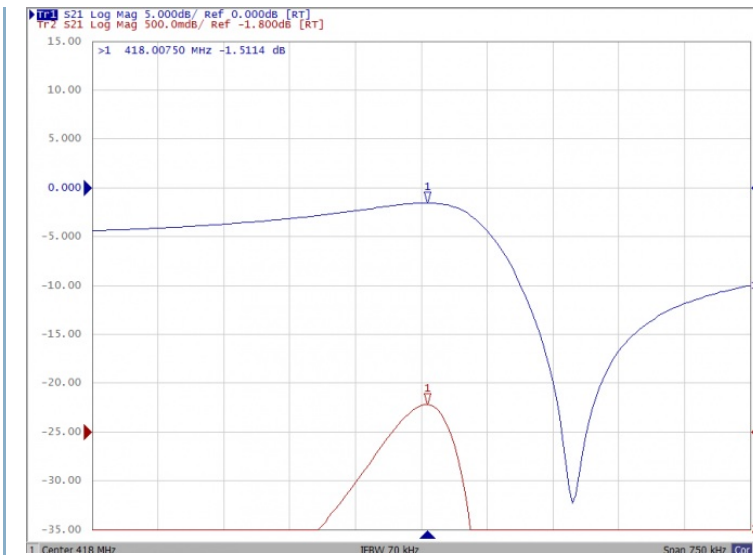
Note: for custom specs, please contact us directly.

Outline Drawing (Unit: mm):



Pin	Configuration
1	Input
3	Output
2	Case Ground

Typical Frequency Response



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