

SAW Resonators(声表谐振器)

417.925MHz to 418.075MHz LT-SR Series SAW Resonator

Quick Detail:

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

Description:

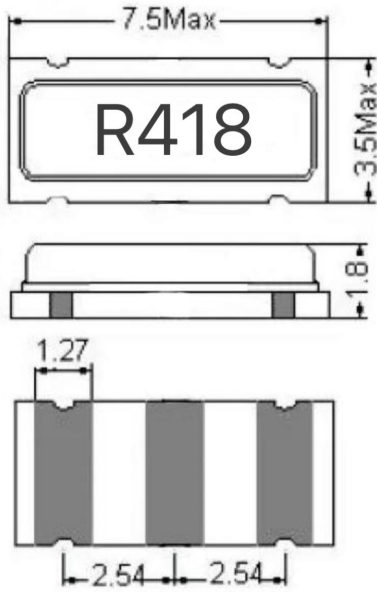
The LT-SR-418-3070 from ZR is a SAW Resonator with Frequency 417.925MHz to 418.075MHz, Centre Frequency 418 MHz, Insertion Loss 1.5 to 2.5 dB, Capacitance 1.76 pF, Quality Factor Loaded 12800. Tags: Surface Mount, SAW Resonator. More details for LT-SR-418-3070 can be seen below.

Specifications:

Electrical / Optical Characteristics (Ta=25°C±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	
50Ω Loaded Q				2000	
Temperature Stability	Turnover Temperature	°C	10	25	40
	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		18	25
	Motional Inductance L1	μ H		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

