

SAW Resonators(声表谐振器)

314.925MHz to 315.075MHz LT-SR Series SAW Resonator

Quick Detail:

- Aluminum Housing
- -20°C~+70°C Operating Temperature
- SMD Package
- DC Voltage: 10V
- CE, RoHS, REACH Compliant
- 1 Year Warranty

Description:

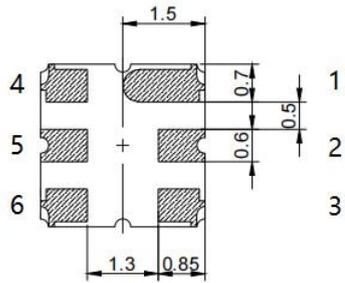
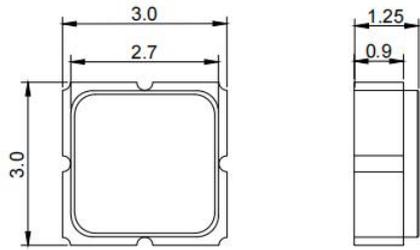
The LT-SR-315-3030 from ZR is a SAW Resonator with Frequency 314.925 to 315.075 MHz, Centre Frequency 315 MHz, Insertion Loss 1.0 to 2.0 dB, Capacitance 2.5 pF, Quality Factor Loaded 12588. Tags: Surface Mount, SAW Resonator. More details for LT-SR-315-3030 can be seen below.

Specifications:

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

Part Number : LT-SR-315-3030					
Item		Unites	Min.	Typ.	Max.
Center Frequency		MHz	314.925	315.000	315.075
Insertion Loss		dB		1.0	2.0
Quality Factor Unload Q				12588	
50Ω Loaded Q				1369	
Temperature Stability	Turnover Temperature	°C	5	20	35
	Freq.temp.Coefficient	ppm/°C ²		0.037	
Frequency Aging		ppm/yr		≤10	
DC. Insulation Resistance		MΩ	1.0		
RF Equivalent RLC Model	Motional Resistance R1	Ω		12.2	
	Motional Inductance L1	μ H		77.6	
	Motional Capacitance C1	fF		3.29	
Transducer Static Capacitance		pF	2.3	2.5	2.8
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

