

SAW Resonators(声表谐振器)

314.900MHz to 315.100MHz LT-SR Series SAW Resonator

Quick Detail:

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

Description:

The LT-SR-315-2016 from ZR is a SAW Resonator with Frequency 314.900 to 315.100 MHz, Centre Frequency 315 MHz, Insertion Loss 1.3 to 2.2 dB, Quality Factor Loaded 12800. Tags: Surface Mount, SAW Resonator. More details for LT-SR-315-2016 can be seen below.

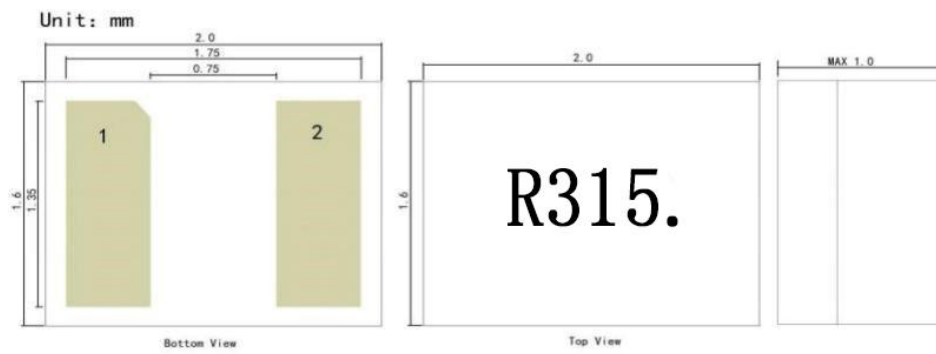
Specifications:

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

Part Number :LT-SR-315-2016					
Item		Unites	Min.	Typ.	Max.
Center Frequency		MHz	314.900	315.00	315.100
Insertion Loss		dB		1.3	2.2
Quality Factor Unload Q				12800	
50Ω Loaded Q				2000	
Temperature Stability	Turnover Temperature	°C			
	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		16	
	Motional Inductance L1	μ H		132	
	Motional Capacitance C1	fF		19.4	

Note: for custom specs, please contact us directly.

Outline Drawing (Unit: mm):



Pin	Configuration
1	Input/Output
2	Input/Output

Typical Frequency Response

