

SAW Resonators(声表谐振器)

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.

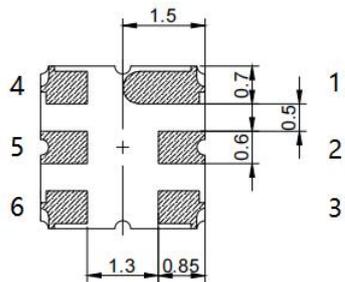
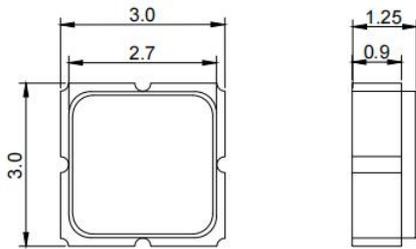
Specifications:

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 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		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

