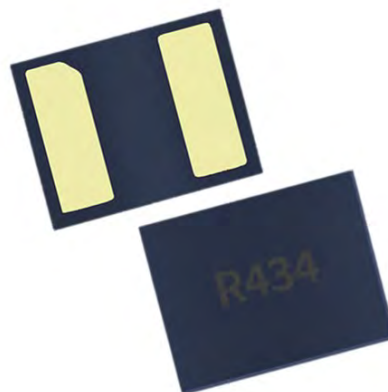


Features

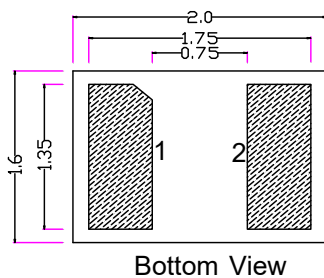
- 1-Port Resonator
- CSP Package for SMT
- Package Size 2.0x1.6x0.9 mm
- Electrostatic Sensitive Device
- Application: Automotive Electronics, Remote control, Security Alarm, etc.
- RoHS Compliant & Pb Free



Standard Specifications

Item /Type		Minimum	Typical	Maximum	Unit
Center Frequency	Absolute Frequency	315, 433.92, or specify			MHz
	Frequency Tolerance		±100		kHz
	Insertion Loss (Min.)		1.3	2.2	dB
Quality Factor	Unloaded Q		12000		
	50Ω loaded Q		1500		
Temperature Stability	Turnover Temperature	10	25	40	°C
	Turnover Frequency		F _c		
	Frequency Temperature Coefficient		0.032		ppm/°C
Frequency Aging	Absolute Value During The First Year		≤10		ppm/yr
DC Insulation Resistance Between Any Two Pins		1.0			MΩ
RF Equivalent RLC Model	Motional Resistance		12.196	18.0	Ω
	Motional Inductance		183.82	110.2	μH
	Motional Capacitance		0.733		fF
	Static Capacitance	1.45	2.23	2.05	pF
Operating Temperature		-40		+85	°C
Storage Temperature		-55		+125	°C
DC Voltage			10		V

Dimensions [mm]



Pin	Function
1	Input/ Output
2	Output/ Input

