

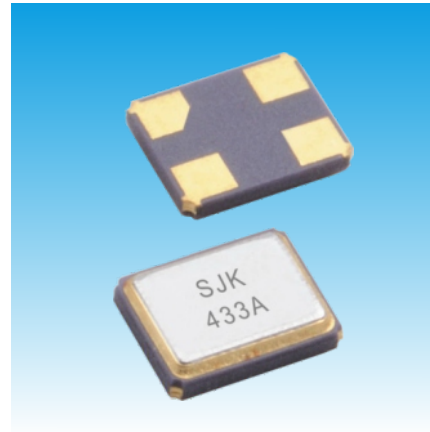
SMD 3225 SAW Resonator



Size: 3.2×2.5×0.70 mm 6AW Series SMD 3225 SAW Resonator

Features

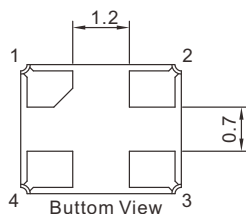
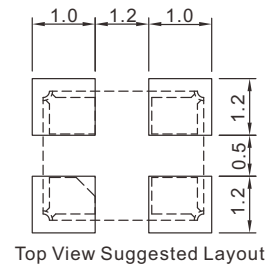
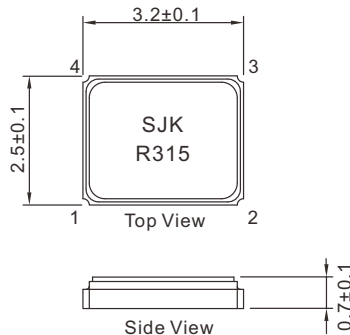
- Ultra smallest size 3.2×2.5×0.68mm, surface mount package, 433.92MHz /315MHz other
- 1-port SAW resonator
- Very low cost than other SMD package
- Electrostatic Sensitive Device (ESD)
- Automatic mounting and reflow soldering
- Application: Automotive electronics, Remote control, Security, Alarm etc.
- RoHS Compliant /Pb Free



Standard Specification

Item /Type		Minimum	Typical	Maximum	Unit
Center Frequency	Absolute Frequency	315, 433.92, or specify			MHz
	Frequency Tolerance		±75		kHz
	Insertion Loss (Min.)		1.5	2.0	dB
Quality Factor	Unloaded Q		18362		
	50Ω loaded Q		2150		
Temperature Stability	Turnover Temperature	20	40	55	°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		13.2	18.0	Ω
	Motional Inductance		89.4	110.2	μH
	Motional Capacitance		1.5		fF
	Static Capacitance	1.45	1.75	2.05	pF
Operating Temperature		-40		+85	°C
Storage Temperature		-55		+125	°C
DC Voltage			10		V

Dimensions [mm]



Pin Connection

- 1: Input
- 2: GND
- 3: Output
- 4: GND