

SAW Resonators (声表面波谐振器)

NSR32

[3.2×2.5×0.7]

SMD Type

Low-Cost

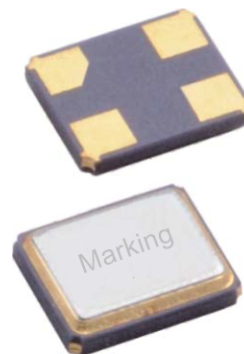
Low Insetion Loss

Center Frequency

315MHz~915MHz

Features

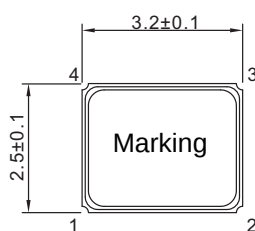
- 1-port resonators
- Surface mount package size with 3.2×2.5×0.7mm
- Electrostatic Sensitive Device (ESD)
- Very low cost than other SMD package
- Low insertion loss
- RoHS Compliant / Pb Free
- Frequency 315MHz or 433.92MHz, other frequencies available
- Applications: Automotive electronics, Remote control, Alarm, Security, IoT, Smart city, and more



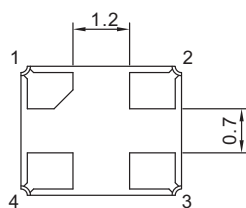
Standard Specifications

Part Number	Center Frequency (MHz)	Frequency Tolerance	Insertion Loss (dB) max.	Package Code
R315	315	±30KHz / ±75KHz	1.3	SMD 3225
R370	370	±30KHz / ±75KHz	1.4	SMD 3225
R433	433.92	±30KHz / ±75KHz	1.5	SMD 3225
R435	435.720	±30KHz / ±75KHz	1.6	SMD 3225
R868.35	868.35	±75KHz / ±150KHz	1.5	SMD 3225
R915	915	±75KHz / ±150KHz	1.2	SMD 3225

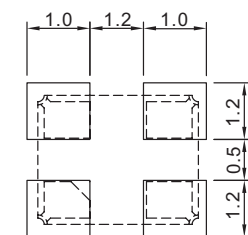
Dimensions [Unit: mm]



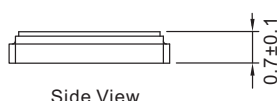
Top View



Bottom View



Top View Suggested Layout



Side View

Pin Connection

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