

QCC8C

[5.0×5.0×1.5mm]

SMD Type

Low-Cost

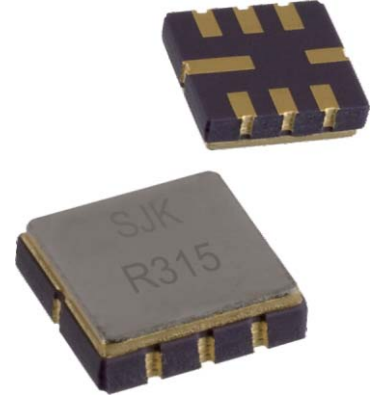
Low Insetion Loss

Center Frequency

299MHz~868MHz

Features

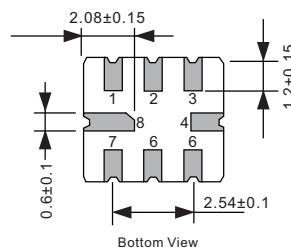
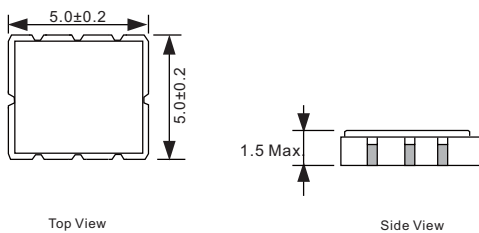
- 1-port resonators
- Ceramic package for surface mounted technology (SMT)
- Package size 5.0×3.5×1.5mm
- Electrostatic Sensitive Device (ESD)
- Package code QCC8C
- Low insertion loss
- RoHS Compliant / Pb Free
- Frequency from 299MHz to 868MHz
- Applications: Automotive electronics, Remote control, Alarm, Security, IoT, Smart city, and more



Standard Specifications

Part Number	Center Frequency (MHz)	Frequency Tolerance	Insertion Loss (dB) max.	Package Code
R299	299	±30KHz / ±75KHz	1.2	QCC8C
R303.825	303.825	±30KHz / ±75KHz	1.5	QCC8C
R303.875	303.975	±30KHz / ±75KHz	1.4	QCC8C
R304.3	304.3	±30KHz / ±75KHz	1.1	QCC8C
R315	315	±30KHz / ±75KHz	1.3	QCC8C
R330	330	±30KHz / ±75KHz	1.6	QCC8C
R358	358	±30KHz / ±75KHz	1.0	QCC8C
R370	370	±30KHz / ±75KHz	1.4	QCC8C
R390	390	±30KHz / ±75KHz	1.4	QCC8C
R403.22	403.22	±30KHz / ±75KHz	1.5	QCC8C
R403.55	403.55	±30KHz / ±75KHz	1.3	QCC8C
R433	433.92	±30KHz / ±75KHz	1.2	QCC8C
R434.42	434.42	±30KHz / ±75KHz	1.3	QCC8C
R868.35	868.35	±75KHz / ±150KHz	1.0	QCC8C

Dimensions [Unit: mm]



Pin Function

Pin No.	Function
2	Input /Output
6	Output /Input
1 / 3 / 5 / 7	To be grounded
4 / 8	Case Ground