

### Features

- Plastic Molded SMD Crystal for Heat Resistance
- High Precision and Tight Reliability
- Package 8038 SMD, 4-Pin
- Highly Reliable Environmental Performance
- Automatic Mounting and Reflow Soldering
- Applications: Clock, MCU, Measuring Equipment
- RoHS Compliant



### Standard Specifications

Type	6LC SMD Crystal
Frequency	32.768 kHz
Frequency Tolerance	±10ppm, ±20ppm
Load Capacitance	6pF, 7pF, 12.5pF
Operating Temperature Range	-40 to +85°C, or Specify
Storage Temperature Range	-55 to +125°C
Drive Level	1.0μW Max.
Turnover Temperature	±25°C±5°C
Parabolic Coefficient	$(-0.034 \pm 0.005) \times 10^{-6} / ^\circ\text{C}^2$
Shunt Capacitance	1.3pF Typ.
Aging (at 25°C)	±3ppm Max. at First Year
Packing Unit	3000pcs/Reel

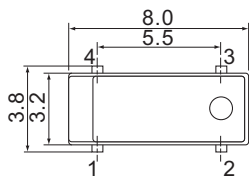
### Equivalent Series Resistance

#### Fundamental

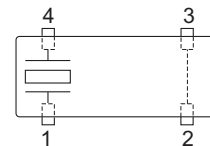
32.768 kHz | 50kΩ Max.

### Dimensions

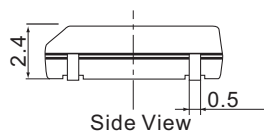
Units: mm Tolerance: ±0.1



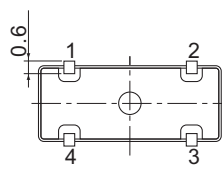
Top View



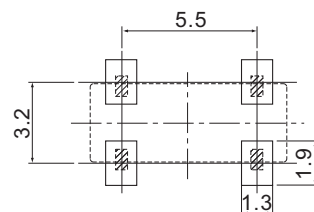
Top View Crystal Connection



Side View



Bottom View



Top View Suggested Layout