

## 3.8 x 8.0 x 2.5 mm SMD Package

### Feature

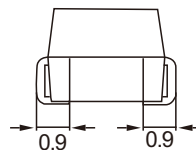
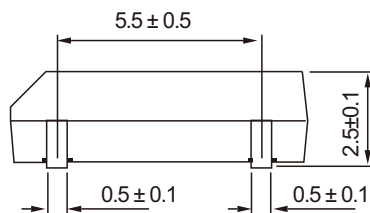
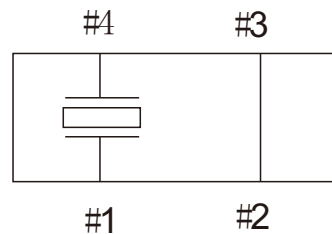
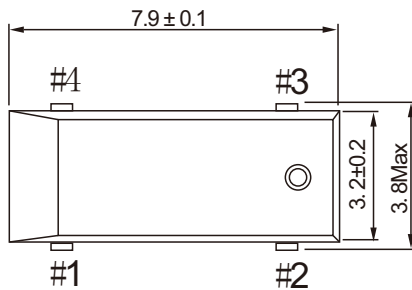
- Wide frequency range
- Designed for automatic mounting and reflow soldering
- Higher frequency gullability and lower equivalent series resistance
- RoHS Compliant / Pb Free



### Electrical Specifications

| Item                                    | Specifications                             |
|---|--|
| Frequency Range (KHz)                   | 30~40   40~60   60~70   70~200   200~350   |
| Load Capacitance (CL)                   | 6~12.5pF, or specify                       |
| Frequency Tolerance( at 25°C )          | ±5ppm ~ ±100ppm                            |
| Operating Temperature Range             | -10~+60°C, -20~+70°C, -40~+85°C or specify |
| Turnover Temperature                    | 25 ± 5°C                                   |
| Frequency Temperature Curve             | $(-0.034 \pm 10\%) \times 10^{-6} / \pm^2$ |
| Equivalent Series Resistance (ESR) Max. | 40kΩ   30kΩ   25kΩ   22kΩ   20kΩ           |
| Drive Level (Typical)                   | 0.1μW                                      |
| Drive Level(Max)                        | 1μW  |
| Shunt Capacitance (C <sub>0</sub> )     | 2.0pF Typ.                                 |
| Insulation Resistance                   | More than 500Mohms at DC100V               |
| Storage Temperature Range               | -55°C~+125°C                               |
| Aging @ 25 °C 1st Year (Max)            | ±3ppm/year, ±5 ppm/year,                   |

### Dimension(mm)



#### SOLDER PATTERN

