

# SMD Seam Sealing Crystals

## 1.2 x 1.0 x 0.30 mm 8J Series

### Features

- Extremely small SMD type crystal units.
- Application for smart phone, sip module, variety of compact portable consumer products reference clocks.
- High precision and high frequency stability.
- High reliable environmental performance.
- RoHS Compliant / Pb Free.



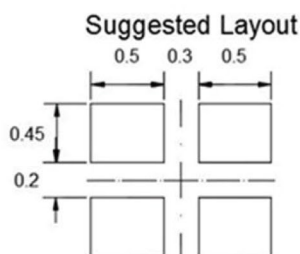
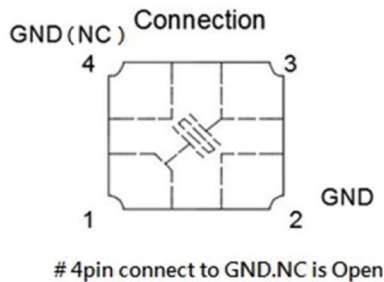
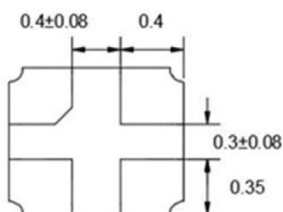
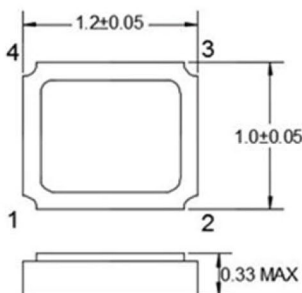
### Electrical Specifications

Item / Type	8J
Frequency Range	24 ~ 80 MHz
Frequency Tolerance (at 25 °C)	± 10 ppm, ± 20 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 10 ppm, ± 20 ppm, or specify
Operating Temperature Range	-30 ~ + 85 °C
Shunt Capacitance (C0)	3 pF Max.
Drive Level	50 μW ( Max. 100 μW)
Load Capacitance	8 pF, 10 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 40 ~ + 85 °C

### Equivalent Series Resistance(ESR)

Fundamental	
24 ~ 27.12 MHz	150 Ω Max.
27.12 ~ 37.4 MHz	100 Ω Max.
37.4 ~ 80 MHz	60 Ω Max.

### Dimensions



Units: mm