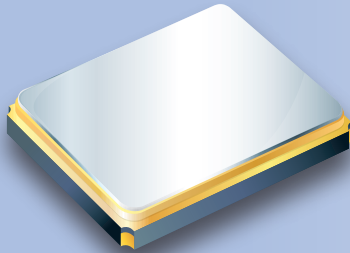


# SMD Seam Sealing Crystals

## 3.2 x 2.5 x 0.7 mm 7M Series



### Features

- High precision and high frequency stability.
- Extremely good for reducing EMI effect.
- The best choice of Bluetooth, wireless communication set, DSC, PDA, and mobile phone.
- RoHS Compliant / Pb Free.

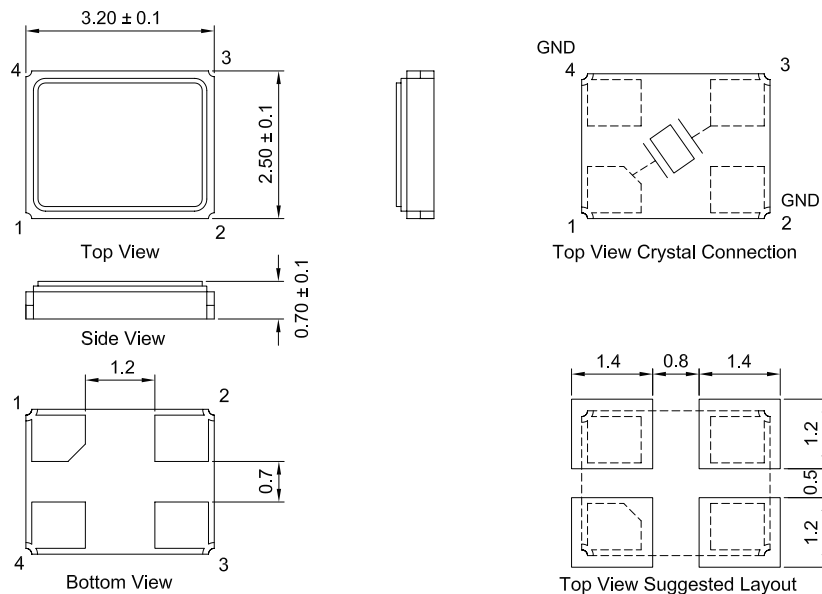
### Electrical Specifications

Item / Type	7M	7M(T)
Frequency Range	10 ~ 64 MHz	
Frequency Tolerance (at 25 °C)	± 30 ppm, or specify	± 10 ppm
Frequency Stability Over Operating Temperature Range	± 30 ppm, or specify	± 10 ppm
Operating Temperature Range	-10 ~ +70 °C, or specify	
Shunt Capacitance (C0)	3 pF Max.	
Drive Level	1 ~ 200 μW (100 μW typical)	
Load Capacitance	10 pF, or specify	
Aging (at 25 °C)	± 3 ppm / year Max.	± 1 ppm / year Max.
Storage Temperature Range	- 40 ~ + 85 °C	

### Equivalent Series Resistance(ESR)

Fundamental	
10 ~ 16 MHz	100 Ω Max.
16 ~ 20 MHz	80 Ω Max.
20 ~ 64 MHz	60 Ω Max.

### Dimensions



Units: mm