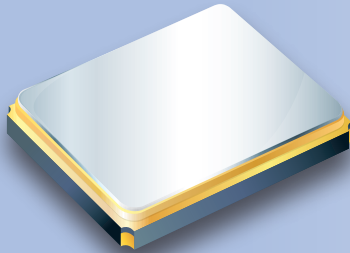


SMD Seam Sealing Crystals

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.

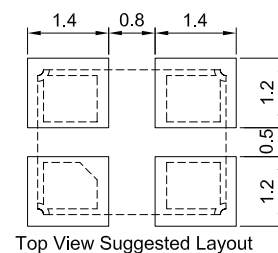
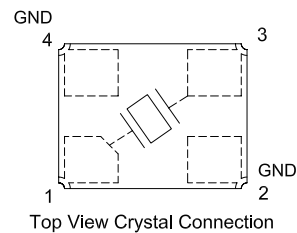
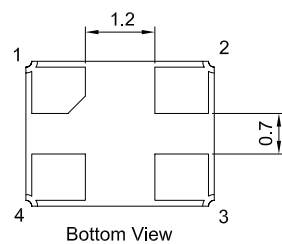
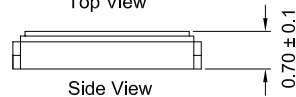
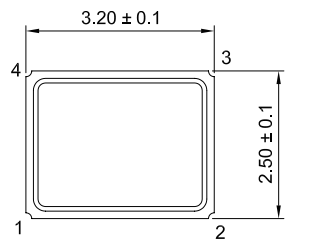
Electrical Specifications

| 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