

SMD Seam Sealing Crystals

3.2 x 2.5 x 0.7 mm 7M Series



Features

- Extremely small SMD type crystal units.
- 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.

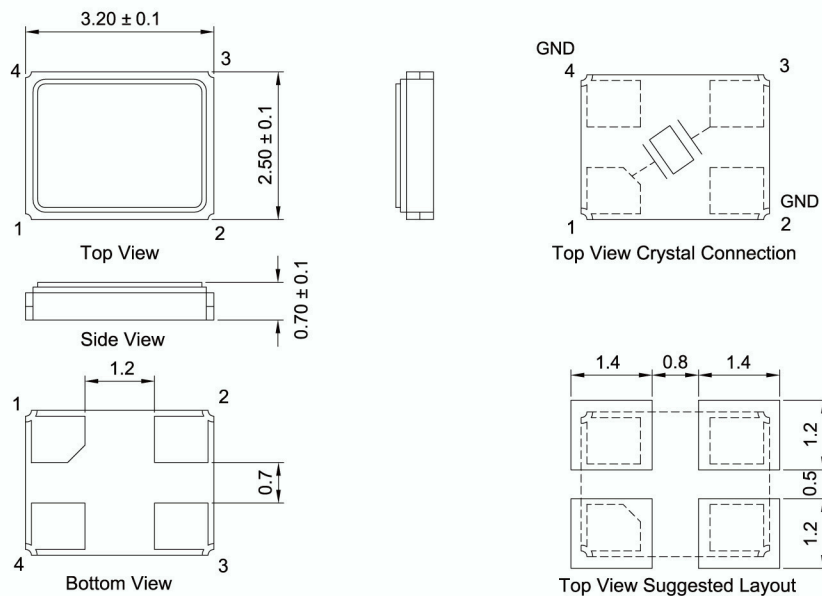
Electrical Specifications

| Item / Type | 7M |
|--------------------------------|-------------------------------------|
| Frequency Range | 10 ~ 114.285 MHz |
| Frequency Tolerance (at 25 °C) | ± 30 ppm, or specify |
| Frequency Stability | ± 30 ppm (-20 ~ +70 °C), or specify |
| Operating Temperature Range | -40 ~ +85 °C |
| Shunt Capacitance (C0) | 3 pF Max. |
| Drive Level | 1 ~ 100 μW (50 μW typical) |
| Load Capacitance | 18 pF, or specify |
| Aging (at 25 °C) | ± 3 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 ~ 114.285 MHz | 60 Ω Max. |

Dimensions



Units: mm