

SMD KHz Crystals 1.6 x 1.0 x 0.5 (max) mm 9H T12 Series

Quartz Crystals
 Series

Features

- 2 pads surface mount package.
- Application for NB, Smart Phone, variety of compact portable consumer products reference clocks.
- High reliable environmental performance.
- RoHS compliant /Pb Free.



Electrical Specifications

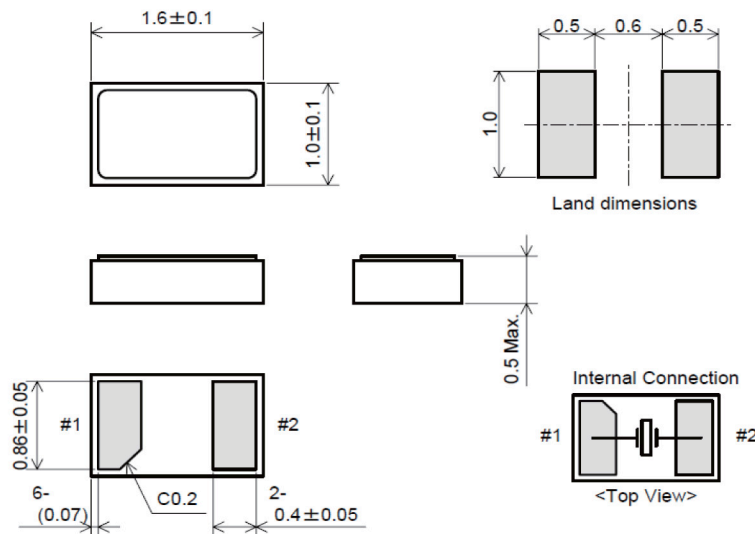
| Item / Type | 9H T12 |
|-------------------------------|--|
| Norminal Frequency | 32.768 KHz |
| Frequency Tolerance(at 25 °C) | ± 20 ppm , or specify |
| Operation Temperature Range | - 40 ~ + 85 °C |
| Shunt Capacitance (C0) | 1.2 pF typical |
| Motional Capacitance (C1) | 6.0 fF typical |
| Insulation Resistance (IR) | 500 MΩ Min. |
| Drive Level (DL) | 0.5 μW Max. |
| Load Capacitance(CL) | 12.5 pF |
| Turnover Temperature (Ti) | 25 °C ± 5 °C |
| Parabolic Coefficient (B) | - 4.0 * 10 ⁻⁸ / °C ² |
| Aging (at 25 °C) | ± 3 ppm at first year |
| Storage Temperature Range | - 55 ~ +125 °C |

Equivalent Series Resistance(ESR)

T10

90 KΩ Max

Dimensions



Units: mm

Remark : Specification subject to change without prior notice. Please confirm with our sales.