

# SMD KHz Crystals 2.0 x 1.2 x 0.6 mm 9H T11 Series

## Features

- Ceramic surface mount package
- Applications in mobile phone, Notebook and DSC.
- RoHS Compliant / Pb Free.



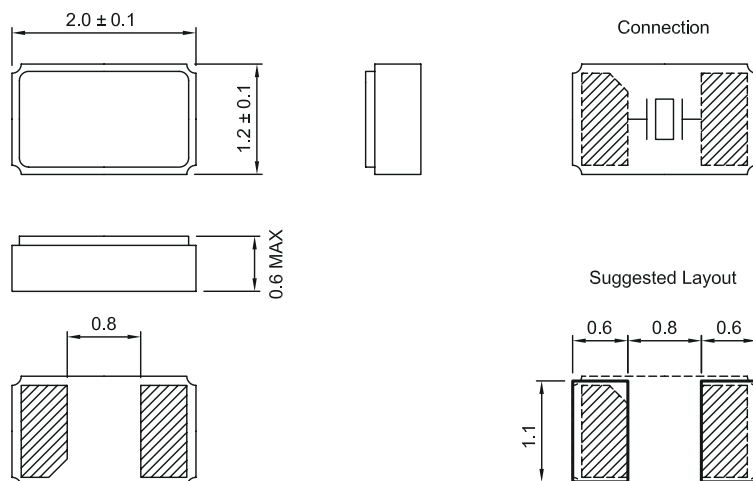
## Electrical Specifications

Item / Type	9H T11
Norminal Frequency	32.768 KHz
Frequency Tolerance(at 25 °C)	± 20 ppm , or specify
Operation Temperature Range	- 40 ~ + 85 °C
Shunt Capacitance (C0)	1.3pF typical
Motional Capacitance (C1)	6.4fF typical
Insulation Resistance (IR)	500 MΩ Min.
Drive Level (DL)	1.0 μW Max.
Load Capacitance( CL)	9 pF , or 12.5 pF
Turnover Temperature (Ti)	25 °C ± 5 °C
Parabolic Coefficient (B)	$(-0.03 \pm 0.01) * 10^{-6} / ^\circ\text{C}^2$
Aging (at 25 °C)	± 5 ppm at first year
Storage Temperature Range	- 55 ~ +125 °C

## Equivalent Series Resistance(ESR)

T11  
 90 KΩ Max

## Dimensions



Units: mm