

### Features

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

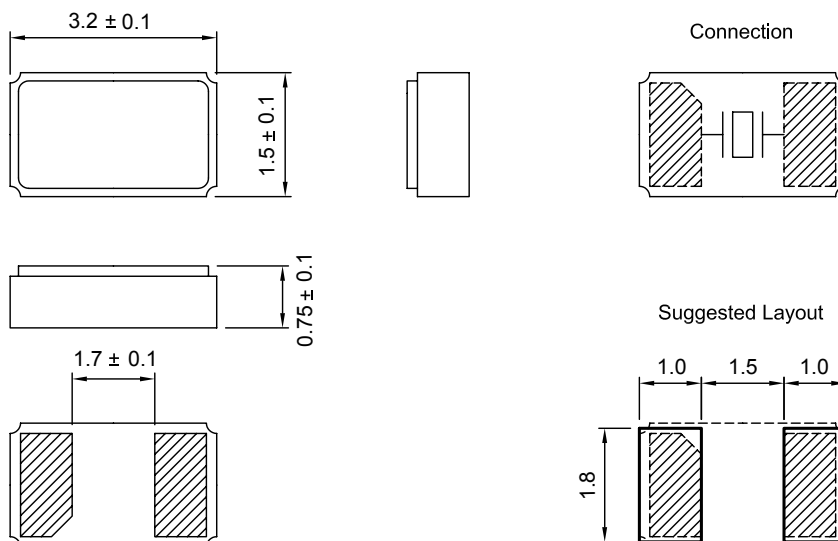
### Electrical Specifications

Item / Type	9HT10
Norminal Frequency	32.768 KHz
Frequency Tolerance(at 25°C)	± 20 ppm
Operation Temperature Range	- 40 ~ + 85 °C
Shunt Capacitance(C0)	1.4pF typical
Motional Capacitance(C1)	6.0fF 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)	( - 0.04 ± 0.01 ) * 10 <sup>-6</sup> / °C
Aging (at 25°C)	± 3 ppm at first year
Storage Temperature Range	- 55 ~ +125 °C

### Equivalent Series Resistance(ESR)

T10
70 KΩ Max.

### Dimensions



Units:mm



## Quart Crystal Part Numbering System - 32.768KHz

Example Part Number: 9HT9-32.768KDZF-T

