# Quartz Crystals



## SMD TUNING FORK 9HT9



### **Features**

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

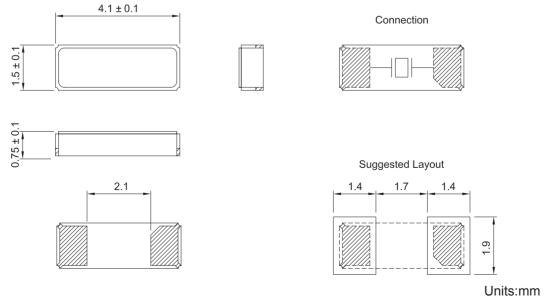
### **Electrical Specifications**

Item / Type	9НТ9
Nominal Frequency	32.768 KHz
Frequency Tolerance (at 25 °C)	± 20 ppm
Operating Temperature Range	- 40 ~ + 85 °C
Shunt Capacitance (C0)	1.1 pF typical
Motional Capacitance	2.2 fF typical
Insulation Resistance	500 MΩ Min.
Drive Level	0.5 μW Max.
Load Capacitance	12.5 pF
Peak Temperature (Frequency)	25 °C ± 5 °C
Frequency-Temperature Coefficent	- 4*10 <sup>-8</sup> / °C² Max.
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 55 ~ + 125 °C

#### **Equivalent Series Resistance(ESR)**

**T9** 65 K Ω Max.

#### **Dimensions**



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