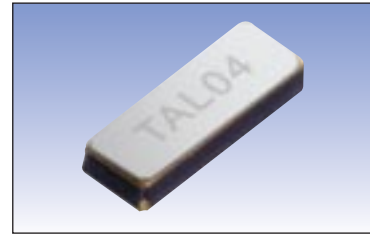


## SMD TUNING FORK TYPE / 9H T9

### ■ Features

- Ceramic surface mount package
- Applications in mobile phone, Notebook, and DSC.
- Lead free parts.



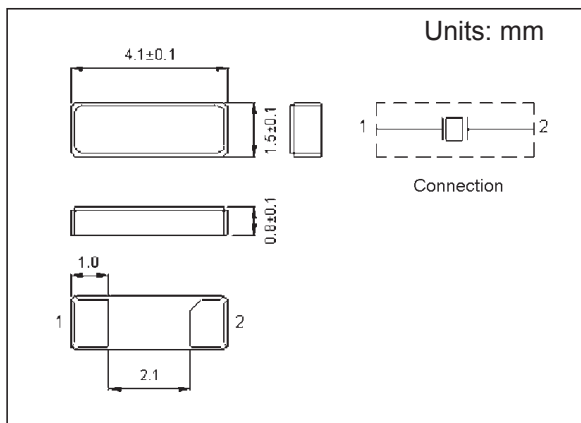
### ■ Electrical Specifications

Item	Type	9H T9
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 Coefficient		-4*10 <sup>-6</sup> / °C <sup>2</sup> Max.
Aging ( at 25 °C )		± 3 ppm / year Max.
Storage Temperature Range		-55 ~ +125 °C

### ■ Equivalent Series Resistance (ESR)

T9
65 KΩ Max.

### ■ Dimensions



### ■ Reflow Condition

