

# SMD TUNING FORK 9H T2, T7



## Features

- > Plastic mold package incorporated tubular type quartz crystal.
- > Suitable for automatic and high density surface mounting.
- > Excellent shock and heat resistance.
- > Multi dimension for choose.
- > Reasonable cost.
- > Contains high melting temperature type solder (Pb 85%) exempted by RoHS directive.

## Electrical Specifications

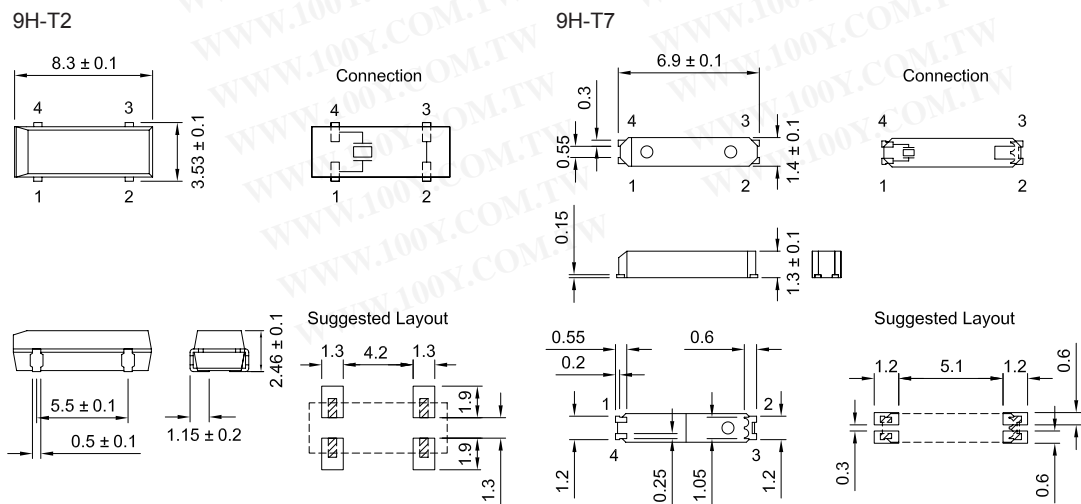
Item / Type	9H T2	9H T7
Nominal Frequency		32.768 KHz
Frequency Tolerance (at 25 °C)		± 20 ppm
Operating Temperature Range		-40 ~ +85 °C
Shunt Capacitance (C0)	1 pF typical	0.8 pF typical
Motional Capacitance	2.1 fF typical	1.9 fF typical
Insulation Resistance		500 MΩ Min.
Drive Level		1 μW Max.
Load Capacitance		12.5 pF
Peak Temperature (Frequency)		25 °C ± 5 °C
Frequency-Temperature Coefficient		-4*10 <sup>-9</sup> / °C <sup>2</sup> Max.
Aging (at 25 °C)		± 3 ppm / year Max.
Storage Temperature Range		-55 ~ +125 °C

## Equivalent Series Resistance (ESR)

T2	T7
50 K Ω Max.	65 K Ω Max.

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## Dimensions



Units:mm

Remark : Specification subject to change without prior notice.