

# Tuning Fork Unit

## TF-3215



### Applications

- Mobile Equipment / Portable Equipment etc.

### Features

- Ultra thin / Dimensions (3.2×1.5×0.9)
- High reliability which adopted vacuum seal
- Reflow Soldering
- Emboss Taping



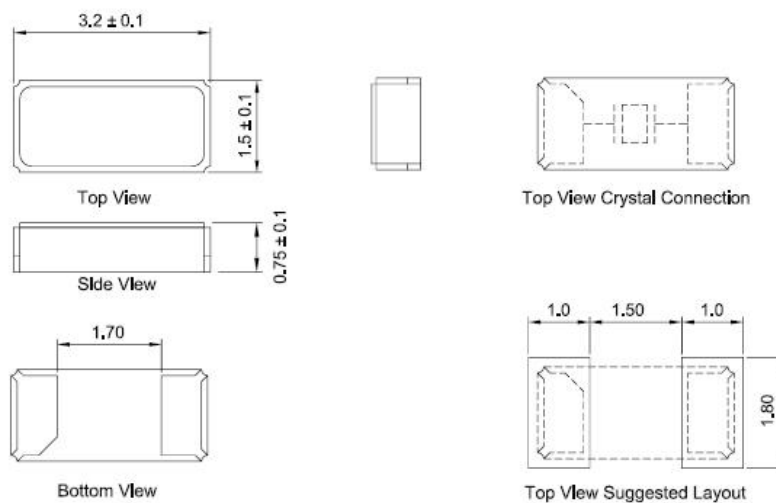
### Electrical Specifications

Item / Type	
Normal Frequency	32.768 kHz
Frequency Tolerance(at 25 °C)	± 20 ppm , or specify
Operation Temperature Range	- 40 ~ + 85 °C
Shunt Capacitance (C0)	1.0pF typical
Motional Capacitance (C1)	3.4fF typical
Insulation Resistance (IR)	500 MΩ Min.
Drive Level (DL)	1.0 μW Max.
Load Capacitance( CL)	12.5 pF , other spec.
Turnover Temperature (Ti)	25 °C ± 5 °C
Parabolic Coefficient (B)	( - 0.03 ± 0.01 ) * 10 <sup>-6</sup> / °C <sup>2</sup>
Aging (at 25 °C)	± 3 ppm at first year
Storage Temperature Range	- 55 ~ +125 °C

### Equivalent Series Resistance(ESR)

70 KΩ Max

### Dimensions



Units: mm