

■ Features

- 1.6 x 1.0 x 0.5 MAX. mm of surface mounted Tuning Fork
- Excellent reliability characteristics such as heat and mechanical shock.
- Pb-free and satisfy RoHs requirements.
- Reflow soldering is available.

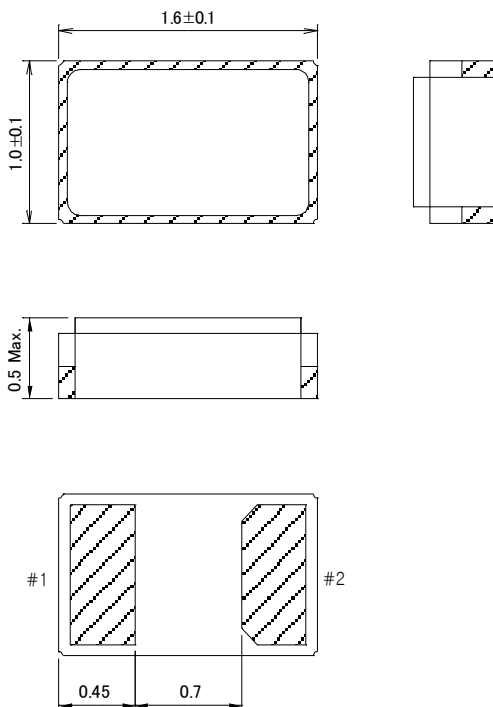
■ Applications

Digital Electronics, Consumer Products, Mobile Communications

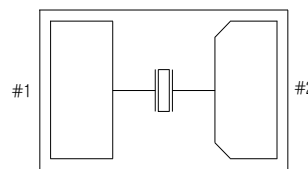
■ Specifications

Frequency	32.768 kHz
Frequency tolerance at 25°C	±20 ppm
Load capacitance	6, 7, 9, 12.5 pF
Operating temperature range	-40 ~ +85 °C
Storage temperature range	-55 ~ +125 °C
Peak temperature	25±5 °C
Temperature coefficient	(-0.036±10%) ppm/°C <sup>2</sup>
Equivalent series resistance	90 kΩ Max.
Drive level	0.5 μW Max.
Aging at 25°C	±3 ppm / year Max.
Shunt capacitance	1.2 pF Typ.

■ Dimensions (unit: mm)



■ Connection Diagram (Top View)



Pin	Function
#1	Xtal Terminal (Input)
#2	Xtal Terminal (Output)

■ Land pattern (unit: mm)

