

# TUNING FORK UNIT

## XTL75



### Applications

- Bluetooth, DVBH, WLAN
- Smart Metering

### Features

- Small / Low Profile (1.6×1.0×0.5mm)
- Ceramic Package
- Pb Free, Reflow Compatible

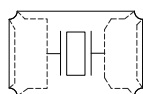
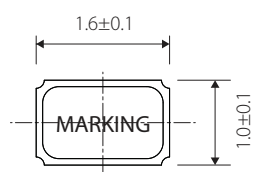
### Specifications



Model	XTL75
Nominal frequency range	32.768kHz
Storage temperature range	-55 ~ +125°C
Operating temperature range	-40 ~ +85°C
Frequency tolerance (at +25°C)	$\pm 20 \times 10^{-6}$
Load capacitance	6pF, 7pF, 9pF, 12.5pF or specify
Equivalent series resistance	90 k $\Omega$ Max.
Shunt capacitance	1.2 pF Typ.
Turnover Temperature	+25°C $\pm 5^\circ\text{C}$
Parabolic Coefficient	-0.04 ppm / °C <sup>2</sup> Max.
Level of drive	0.1 $\mu\text{W}$ (0.5 $\mu\text{W}$ Max.)
Aging	$\pm 3$ ppm / Year

Package quantity: 5,000pcs max./Reel.

### Outline and Dimensions [unit:mm]



Land Pattern(REFERENCE)

