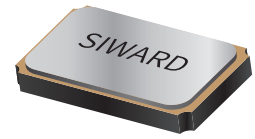


# TUNING FORK UNIT

## XTL74



### Applications

- Bluetooth, DVBH, WLAN
- Automotive

### Features

- Small / Low Profile (2.0×1.2×0.6)
- Ceramic Package
- Pb Free, Reflow Compatible
- Conforms to AEC-Q200

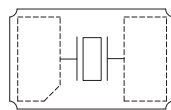
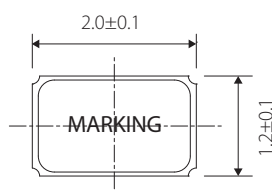
### Specifications



Model	XTL74
Nominal frequency range	32.768kHz
Storage temperature range	-55 ~ +125°C
Operating temperature range	-40 ~ +125°C
Frequency tolerance (at +25°C)	$\pm 20 \times 10^{-6}$
Load capacitance	6pF, 7pF, 9pF, 12.5pF
Equivalent series resistance	90 k $\Omega$ Max.
Shunt capacitance	1.2 pF Typ.
Motional capacitance	6.0 fF Typ.
Turnover Temperature	+25°C $\pm$ 5°C
Parabolic Coefficient	-0.04 ppm / °C <sup>2</sup> Max.
Level of drive	0.1 $\mu$ W (0.5 $\mu$ W Max.)
Aging	$\pm$ 3ppm / Year

Package quantity: 3,000pcs max./Reel.

### Outline and Dimensions [unit:mm]



Land Pattern(REFERENCE)

