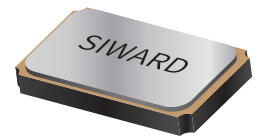


TUNING FORK UNIT

SF-2012



Applications

- Bluetooth, DVBH, WLAN
- Smart Metering

Features

- Small / Low Profile ($2.0 \times 1.2 \times 0.6$)
- Ceramic Package
- Pb Free, Reflow Compatible

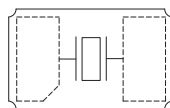
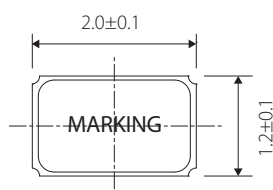
Specifications



Model	SF-2012
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
Equivalent series resistance	80 k Ω 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 ² Max.
Level of drive	0.1 μ W (0.5 μ W Max.)
Aging	$\pm$ 3ppm / Year

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

Outline and Dimensions [unit:mm]



Land Pattern(REFERENCE)

