



TUNING FORK UNIT

SF-1610 New Product

Applications

• Consumer Mobile Equipment

Features

• Small / Low Profile ($1.6 \times 1.0 \times 0.5$) • Ceramic Package • Pb Free, Reflow Compatible

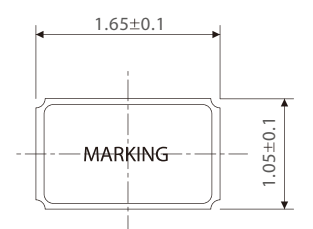
Specifications



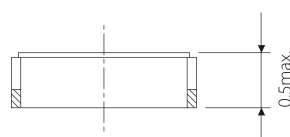
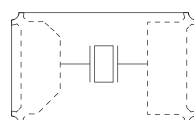
Model	SF-1610
Nominal frequency range	10,546 iFx
Storage temperature range	-40°C ~ +85°C
Operating temperature range	-40°C ~ +85°C
Frequency tolerance (at +25°C)	$\pm 20 \times 10^{-6}$
Load capacitance	4nD* 5nD* 7nD* / 0,3nD
Equivalent series resistance	90 kΩ Max.
Shunt capacitance	1.2 pF Typ.
Motional capacitance	6.0 fF Typ.
Turnover Temperature	+25°C $\pm$ 5°C
Parabolic Coefficient	-0.04ppm / °C ² Max.
Level of drive	0.1 μW (0.5 μW Max.)
Aging	± 3 ppm / Year

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

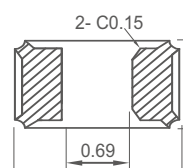
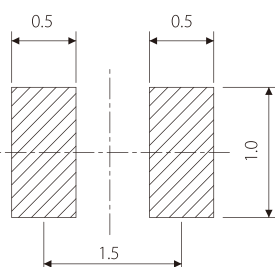
Outline and Dimensions [unit:mm]



TOP VIEW



Example of a Terminal Land Pattern



Maximum marking length	Marking
line1	
5	Laser
ex.)	SF925