

Tuning Fork Unit

TF-8038



Applications

- . PC / Gaming Equipment
- . PDA/ Cellular Phone
- . Radio Communication

Features

- . Size: 8x3.8x2.54mm
- . Automatic mounting and reflow soldering
- . High reliable environmental performance



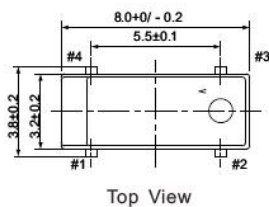
Electrical Specifications

Item / Type	
Frequency Range	32.768 kHz
Load capacitance	6pF / 12.5pF
Drive level	1.0μW Max.
Frequency tolerance	±20ppm, or specify
Turnover Temperature	±25°C±5°C
Parabolic Coefficient	$(-0.034 \pm 0.005) \times 10^{-6} / ^\circ\text{C}^2$
Operating temperature range	-20~+70°C, ±40~+85°C
Storage temperature range	±55~+125°C
Aging (at 25°C)	±3ppm at first year
Shunting capacitance	1.3pF Typ.

Equivalent Series Resistance(ESR)

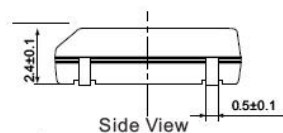
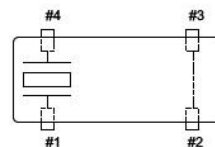
Fundamental	
32.768kHz	50 KΩ Max.

Dimensions



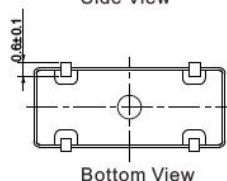
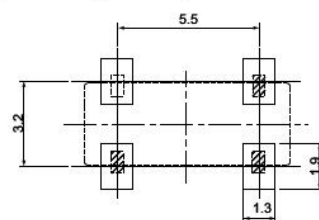
Top View

Top View Crystal Connection



Side View

Top View Suggested Layout



Bottom View