

# Tuning Fork Unit

## TF-7015



### Applications

- . PC / Gaming Equipment
- . PDA/ Smart Grid
- . Radio Communication

### Features

- . Size: 7x1.5x1.4mm
- . Automatic mounting and reflow soldering
- . High reliable environmental performance



### Electrical Specifications

Item / Type	
Frequency Range	32.768 kHz
Load capacitance	12.5pF
Drive level	1.0μW Max.
Frequency tolerance	±20ppm, or specify
Turnover Temperature	±25°C±5°C
Parabolic Coefficient	$(-0.035 \pm 0.005) \times 10^{-6} / ^\circ\text{C}^2$
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	0.8pF Typ.

### Equivalent Series Resistance(ESR)

Fundamental	
32.768kHz	65 KΩ Max.

### Dimensions

