

# Tuning Fork Unit

## TF-206 / TF-308



### Applications

- . Mobile Equipment / E-book
- . Security / Smart Grid
- . Consumer Electronics

### Features

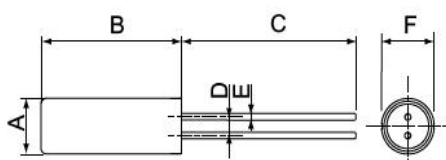
- . Small Size: 2x6 / 3x8
- . Wide Frequency Range / Pb-free



Electrical Specifications	
Item / Type	
Frequency Range	32.768 kHz(30~350 kHz)
Load capacitance	6.0~12.5pF, or specify
Drive level	1.0μW Max.
Frequency tolerance	±20~±100ppm
Turnover Temperature	±25°C±5°C
Parabolic Coefficient	(-0.034±0.006)*10 <sup>-6</sup> /°C <sup>2</sup>
Operating temperature range	-20~+70°C, ±40~+85°C
Storage temperature range	±40~+85°C, ±55~+125°C
Aging (at 25°C)	±3ppm
Shunting capacitance	1.5pF Typ.

Equivalent Series Resistance(ESR)	
Fundamental	
30~350kHz	50 KΩ Max.

### Dimensions



Type	A	B	C	D	E	F
6K6	Ø2.0	6.0±0.3	7.0±0.3	0.7±0.2	0.2±0.1	Ø2.0±0.1
6K8	Ø3.0	8.0±0.3	10.0±0.3	1.1±0.2	0.3±0.1	Ø3.0±0.1

