

Tuning Fork Crystal



Size: 2×6mm /3×8 mm 6K6 /6K8 Series Tuning Fork Crystal

Features

- Tuning fork crystal of lead formed heat-resistance.
- Automatic mounting and reflow soldering.
- High reliable environmental performance.
- Applications in Mobile communication, E-book Internet of things, Security, SmartGrid, Consumer electronics, etc.
- Small size.
- Wide frequency range.



Electrical Specifications

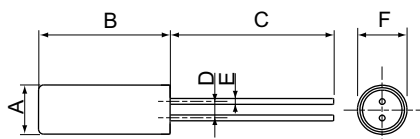
Item /Type	6K6 / 6K8 (Tuning fork crystal)
Frequency Range	32.768 kHz(30~350 kHz)
Load capacitance	6.0~12.5pF, or specify
Drive level	1.0μW Max.
Frequency tolerance	±20~±100ppm
Turnover Temperature	±25°C±5°C
Parabolic Coefficient	$(-0.034±0.006) \times 10^{-6}/^{\circ}\text{C}^2$
Operating temperature 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

Units:mm



Type	A	B	C	D	E	F
6K6	∅2.0	6.0±0.3	7.0±0.3	0.7±0.2	0.2±0.1	∅2.0±0.1
6K8	∅3.0	8.0±0.3	10.0±0.3	1.1±0.2	0.3±0.1	∅3.0±0.1

