

Size: 2×6mm /3×8 mm

6K6/6K8 Series Tuning Fork Crystal

## **Features**

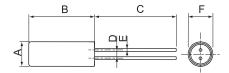
- Tuning fork crystal of lead formed heatresistance.
- Automatic mounting and reflow soldering.
- High reliable environmental performance.
- Applications in Mobile communication, E-book Internet of things, Security, SmartGrid, Consumer electronics, etc.
- Small size.
- Wide frequency range.



Electrical Specifications			
Item /Type	6K6 / 6K8 (Tuning fork crystal)		
Frequency Range	32.768 kHz(30~350 kHz)		
Load capactiance	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 Units:mm



Type	Α	В	С	D	Е	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

