

kHz Band Tuning Fork Crystal Units

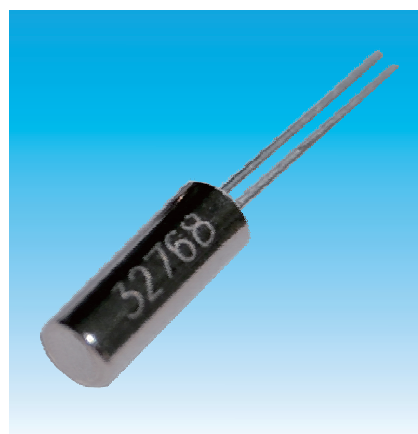


Size: 2.0×6.0 / 3.0×8.0 mm

6K Series kHz Crystal Units

Features

- Tuning fork crystal of lead formed heat-resistance.
- Frequency range from 30kHz to 1350kHz
- Small size with 2.0×6.0 and 3.0×8.0 mm
- High reliable environmental performance
- Low power consuming
- Application for Clock, Smart meters, IoT, Consumer products, PC, MCU, etc.
- RoHS Compliant



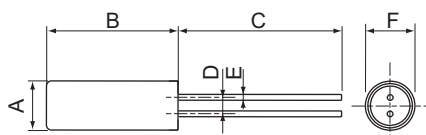
Standard Specification

Item /Type	6K6/6K8 (6K6/6K8 Series kHz)
Frequency Range	32.768 kHz (30~350 kHz)
Frequency Tolerance	±20~±100ppm, or specify
Load Capacitance	6pF~12.5pF, or specify
Operating Temperature Range	-20~+70°C, or specify
Storage Temperature Range	-55~+125°C
Drive Level	1.0μW Max.
Turnover Temperature	±25°C±5°C
Parabolic Coefficient	$(-0.034±0.006)×10^{-6}/^{\circ}\text{C}^2$
Shunt Capacitance	1.5pF Typ.
Aging (at 25°C)	±3ppm/year Max.
Packing Unit	1000pcs.

Equivalent Series Resistance

	Fundamental
	30~350 kHz 50KΩ Max.

Dimensions [mm]



Size	A	B	C	D	E	F
2×6	Ø2.0	6±0.3	6±0.3	0.7±0.2	0.2±0.1	Ø2.0±0.1
3×8	Ø3.0	8±0.3	10±0.3	1.1±0.2	0.3±0.1	Ø3.0±0.1

