

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 Consumption
- Applications: Clock, Smart Metering, IoT, Consumer Products, PC, MCU
- RoHS Compliant


Standard Specification

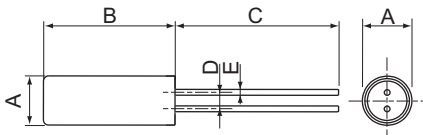
Type	6K Series Though-hole Crystal
Frequency Range	32.768 kHz, 30~350 kHz
Frequency Tolerance	±20ppm, or specify
Load Capacitance	6pF, 12.5pF, or specify
Operating Temperature Range	-20 to +70°C, or specify
Storage Temperature Range	-55 to +125°C
Drive Level	1.0µW Max.
Turnover Temperature	±25°C±5°C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

Equivalent Series Resistance

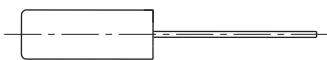
Fundamental	
30~350 kHz	50kΩ Max.

Dimensions

Units: mm Tolerance: ±0.1



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


NOTE 1: Use tweezers if leads need to be bent.

NOTE 2: Soldering the cylinder body can deteriorate the crystal characteristics and should be avoided. Use rubber adhesive instead or do not solder body.