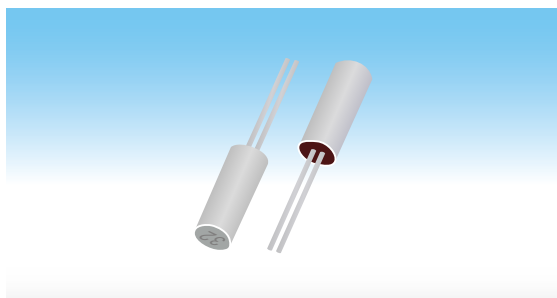


32.768kHz Crystal Units

6K6 /6K8 Series KHz Crystal Unit

30~350kHz

Size: 2.0×6.0 /3.0×8.0mm



Features

- Small size cylindrical package with 2.0×6.0mm /3.0×8.0mm
- Wide frequency range from 30kHz up to 350kHz (32.768kHz)
- Tuning fork crystal of lead formed heat-resistance
- Excellent heat resistance and environmental characteristics
- Application for IoT, Security, Toys, Watches, Audiovisual application, Consumer Electronics, E-book, etc
- RoHS Compliant /Pb Free

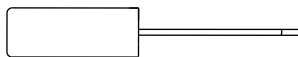
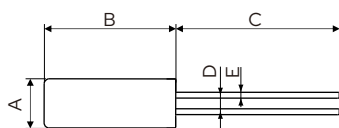


Standard Specifications

Item	Type	6K6 /6K8 Series SMD 32.768kHz Crystal Units
Frequency Range		32.768 kHz (30~350kHz)
Load Capacitance		7pF, 9pF, 12.5pF, or specify
Drive Level		1μW max.
Frequency Tolerance		±5ppm, ±10ppm, ±20ppm, or specify
Series Resistance		50KΩ max.
Turnover Temperature		±25°C±5°C
Parabolic Coefficient		$(-0.034 \pm 0.005) \times 10^{-6} / ^\circ\text{C}^2$ max.
Operating Temperature Range		-20~+70°C, -40~+85°C, or specify
Storage Temperature Range		-40~+85°C
Shunt Capacitance		1.5pF Typ.
Size (L×W×H) (mm)		2.0×6.0 /3.0×8.0
Packing Unit		1000pcs./bag

Dimensions

[mm]



Size	A	B	C	D	E	F
2×6	Ø2.0	6±0.3	7±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