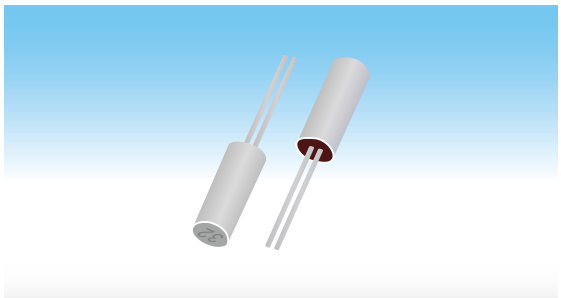
32.768kHz Crystal Units

6K6 /6K8 Series KHz Crystal Unit | **30~350kHz** | **Size: 2.0×6.0 /3.0×8.0mm**



Features

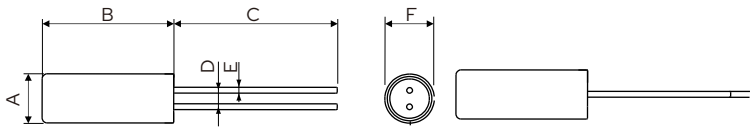
- Small size cylindrical package with 2.0×6.0mm /3.0×8.0mm
- Wide frequency range from 30kHz up to 350kHz (32.768kHz)
- Tuning fork crystal of lead formed heat-resistance
- Excellent heat resistance and environmental characteristics
- Application for IoT, Security, Toys, Watches, Audiovisual application, 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	$(-0.034\pm0.005)\times10^{-6}/°C^2$ 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