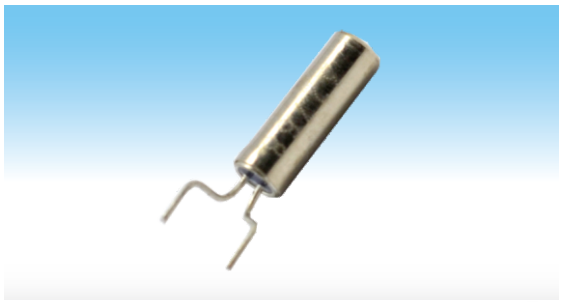
SMD 32.768kHz Crystal Units

6LB Series SMD 32.768kHz Crystal Unit | **30~350kHz** | **Size: 2.0×6.0×2.0mm**



Actual size

Features

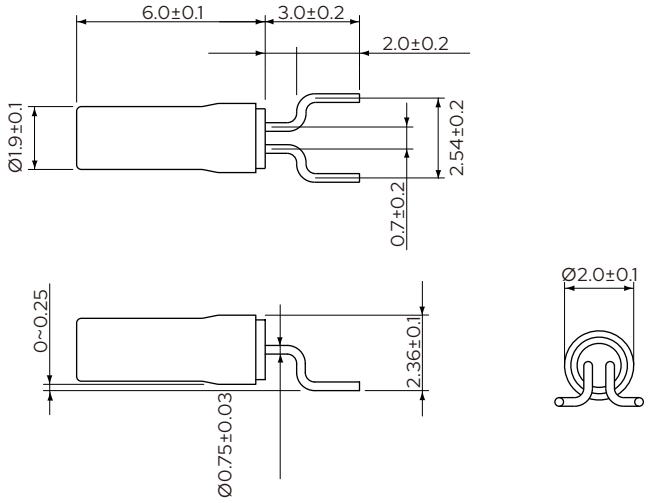
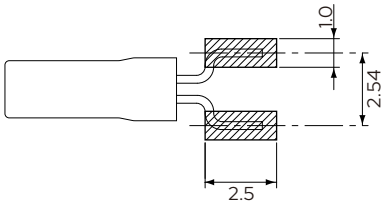
- Small size SMD cylindrical package with 2.0×6.0×2.0 mm
- Wide frequency range from 30kHz up to 350kHz (32.768kHz)
- Tuning fork crystal of lead formed heat-resistance
- Excellent heat resistance and environmental characteristics
- Automatic mounting and reflow soldering
- Application for IoT, Security,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

Standard Specifications

Item \ Type	6LB Series SMD 32.768kHz Crystal Units
Frequency Range	32.768 kHz (30~350kHz)
Load Capacitance	6pF,12.5pF, or specify
Drive Level	1μW max.
Frequency Tolerance	±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	2.0pF Typ.
Size (L×W×H) (mm)	2.0×6.0×2.0
Packing Unit	3000pcs./reel

Dimensions

[mm]



Suggested Layout