

SMD Tuning Fork Crystal



Size: 2.0×6.0×2.6 mm 6LB Series SMD Tuning Fork Crystal

Features

- SMD tuning fork crystal of lead formed heat-resistance.
- Automatic mounting and reflow soldering.
- High reliable environmental performance.
- Applications in Mobile communication, E-book Internet of things, Security, SmartGrid, Consumer electronics, etc.
- Small size.
- Wide frequency range.



Electrical Specifications

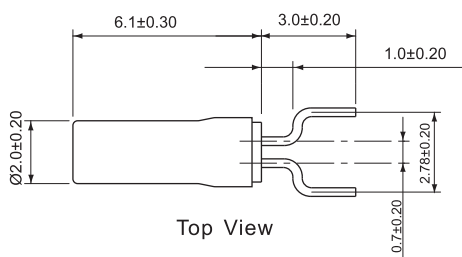
Item /Type	6LB (6LB Series SMD tuning fork crystal)
Frequency Range	32.768 kHz(30~350 kHz)
Load capacitance	6.0~12.5pF, or specify
Drive level	1.0μW Max.
Frequency tolerance	±20~±100ppm
Turnover Temperature	±25°C±5°C
Parabolic Coefficient	$(-0.034±0.006) \times 10^{-6}/^{\circ}\text{C}^2$
Operating temperature range	-20~+70°C, ±40~+85°C
Storage temperature range	±55~+125°C
Aging (at 25°C)	±3ppm
Shunting capacitance	2.0pF Typ.

Equivalent Series Resistance(ESR)

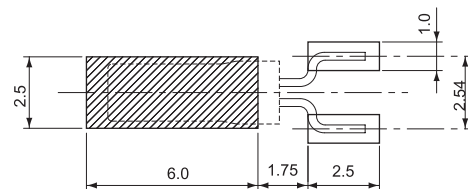
Fundamental	
30~350kHz	50 KΩ Max.

Dimensions

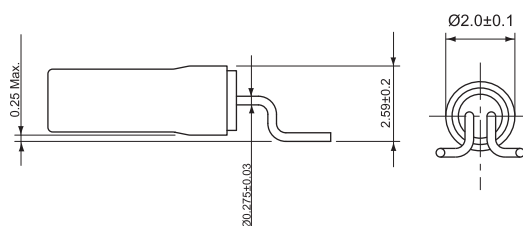
Units:mm



Top View



Suggest Layout



Side View