

Features

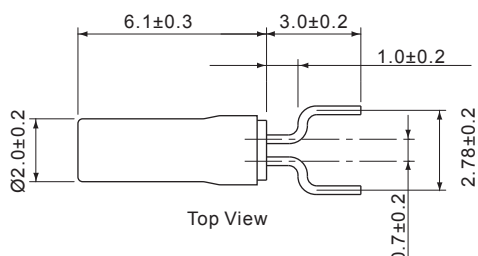
- SMD tuning fork crystal of lead formed heat resistance
- Frequency range from 30kHz to 1350kHz
- Bent leads cylindrical 2.0×6.0×2.6 mm
- High reliable environmental performance
- Automatic mounting and reflow soldering
- Applications: *Clock, Smart Metering, IoT, Consumer Products, PC, MCU, etc.*
- RoHS Compliant



Standard Specifications	
Type	6LB Bent Leads Crystal
Frequency Range	32.768 kHz
Frequency Tolerance	± 20 ppm, or specify
Load Capacitance	6pF, 12.5pF, or specify
Operating Temperature Range	-20~+70°C, or specify
Storage Temperature Range	-55~+125°C
Drive Level	1.0 μ W Max.
Turnover Temperature	$\pm 25^\circ\text{C} \pm 5^\circ\text{C}$
Parabolic Coefficient	$(-0.034 \pm 0.006) \times 10^{-6} / ^\circ\text{C}^2$
Shunt Capacitance	2.0pF Typ.
Aging (at 25°C)	± 3 ppm/year Max.
Packing Unit	1000pcs./Reel

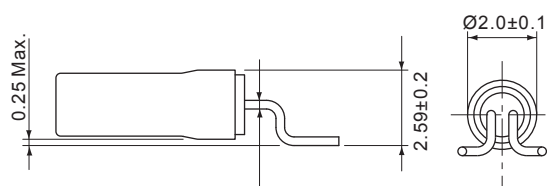
Equivalent Series Resistance	
Fundamental	
32.768 kHz	50k Ω Max.

Dimensions [mm]

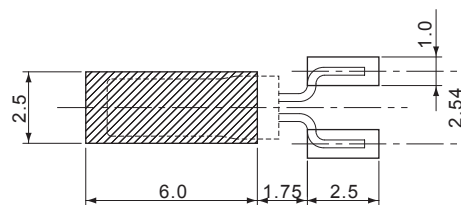


Top View

NOTE: Soldering the cylinder body can deteriorate the crystal characteristics and should be avoided. Use rubber adhesive instead or leave without soldering.



Side View



Top View Suggested Layout