

SMD Tuning Fork Crystal



Size: 3.8×8.0×2.40 mm 6LC Series SMD Tuning Fork Crystal

Features

- Plastic molded SMD tuning fork crystal of heat-resistance.
- High precision and high frequency stability.
- Small size with 3.8×8×2.4 mm.
- Automatic mounting and reflow soldering.
- High reliable environmental performance.
- Applications in PC, gaming equipment, Radio communication, PDA, Cellular phones, etc.
- RoHS Compliant.



Electrical Specifications

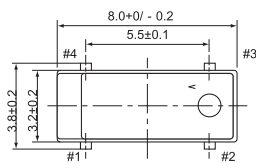
Item /Type	6LC (308C SMD tuning fork crystal)
Frequency Range	32.768 kHz
Load capacitance	6pF / 12.5pF
Drive level	1.0μW Max.
Frequency tolerance	±20ppm, or specify
Turnover Temperature	±25°C±5°C
Parabolic Coefficient	$(-0.034±0.005)×10^{-6}/°C^2$
Operating temperature range	-20~+70°C, ±40~+85°C
Storage temperature range	±55~+125°C
Aging (at 25°C)	±3ppm at first year
Shunting capacitance	1.3pF Typ.

Equivalent Series Resistance(ESR)

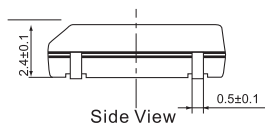
Fundamental	
32.768kHz	50 KΩ Max.

Dimensions

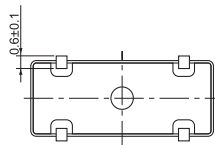
Units:mm



Top View

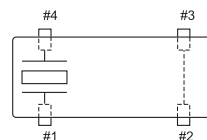


Side View



Bottom View

Top View Crystal Connection



Top View Suggested Layout

