

SMD 32.768kHz Crystal Units

6LC Series SMD 32.768kHz Crystal Unit

32.768kHz

Size: 8.0×3.8×2.5mm



Features

- Plastic molded SMD tuning fork crystal of heat-resistance
- High precision and high frequency stability
- Small size package with 8.0×3.8×2.5mm
- Excellent heat resistance and environmental characteristics
- Application for digital AV equipment, PC, Gaming equipment, Automotive applications, Radio communications, etc.
- RoHS Compliant



Standard Specifications

Item	Type	6LC Series SMD 32.768kHz Crystal Units
Frequency Range		32.768 kHz
Load Capacitance		6pF, 9pF, 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		$(-0.034 \pm 0.005) \times 10^{-6} / ^\circ\text{C}^2$ max.
Operating Temperature Range		-20~+70°C, -40~+85°C, or specify
Storage Temperature Range		-55~+125°C
Shunt Capacitance		1.3pF Typ.
Size (L×W×H) (mm)		8.0×3.8×2.50
Packing Unit		3000pcs./reel

Dimensions

[mm]

Connection

Suggested Layout

Top View Suggested Layout