

32.768kHz SMD Crystal Units



Size: 3.8×8.0×2.4 mm

6LC Series 32.768kHz SMD Crystal Units

Features

- Plastic molded 32.768kHz SMD crystal unit of heat resistance
- High precision and tight reliability
- Small size with 3.8×8.0×2.4 mm
- High reliable environmental performance
- Automatic mounting and reflow soldering
- Application for Smart communication device, Clock, microcomputer, etc.
- RoHS Compliant



Standard Specification

Item /Type	6LC (6LC Series 32.768kHz SMD Crystal Units)
Frequency Range	32.768 kHz
Frequency Tolerance	±20ppm, or specify
Load Capacitance	6pF, 12.5pF, or specify
Operating Temperature Range	-40~+85°C, or specify
Storage Temperature Range	-55~+125°C
Drive Level	1.0μW Max.
Turnover Temperature	±25°C±5°C
Parabolic Coefficient	$(-0.034±0.005)×10^{-6}/°C^2$
Shunt Capacitance	1.3pF Typ.
Aging (at 25°C)	±3ppm at first year
Packing Unit	3000pcs./Reel

Equivalent Series Resistance

Fundamental	
32.768 kHz	50KΩ Max.

Dimensions [mm]

