

Research for Frequency Products

Description

Time Base Frequency 32768Hz (1x2¹⁵) tuning fork vibration, Quartz Crystal Unit, Plastic Leaded slim package. Parabolic curve of temperature co-efficient. This crystal is suitable for RTC, Notebook, POS, Printer, Alarm Clock, Watches. Parts are supplied 3000pcs in tape and reel as standard.

Features

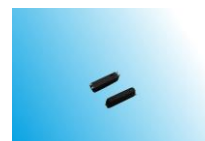
SMD Plastic Molded Package with ideal operating in special environment.

RoHS Complaint

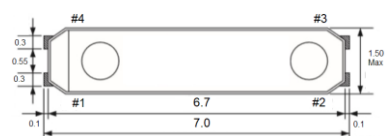
Standard Parameters

Parameter	Specifications
Frequency Range	32.768KHz
Vibration Mode	Fundamental
Frequency Tolerance @25°C	±20ppm (std)
Frequency Stability vs Temp Range	-0.04ppm/°C ² Max.
Operating Temp. Range	-40 ~ +85 °C
Load Capacitance	12.5pF (std)
Drive Level	1.0μW Max.
Shunt Capacitance	2.0pF Max.
Equivalent Series Resistance	65,000Ω Max.
Aging per year	±5ppm
Storage Temp. Range	-40 ~ 125 °C

Quartz Crystal Tuning Fork
SMD 7.0x1.5x1.4mm
32.768KHz



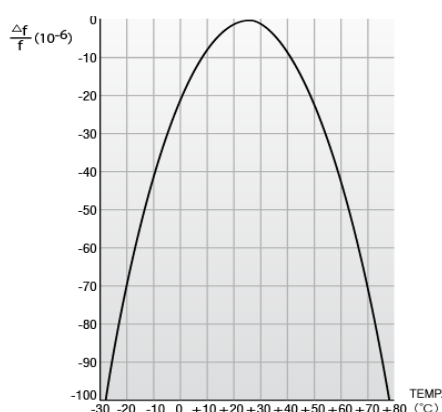
Outline and Dimensions



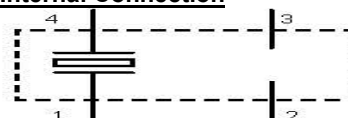
Bottom View



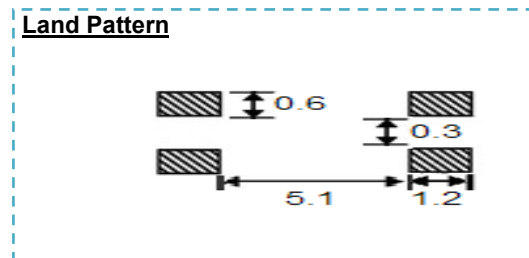
Frequency vs Temp. Deviation Characteristics



Internal Connection



Land Pattern



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Subject to change without notice