

Research for Frequency Products

Crystal Unit Tuning Fork
SMD 3.2x1.5x0.9mm
32.768KHz

Description

This is DT-cut tuning fork type crystal unit, SEAM seal ceramic package under vacuum environment. This crystal is suitable for Universal applications in Watches, Computer LED clock, alarm, frequency 32.768KHz (1×2^{13}). Parabolic curve of temperature coefficient. Parts are supplied 3000pcs in tape and reel as standard.



Features

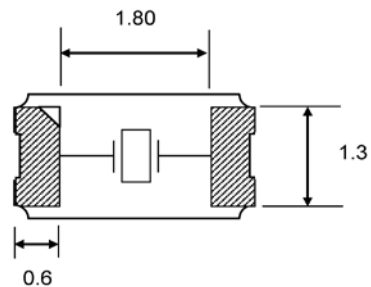
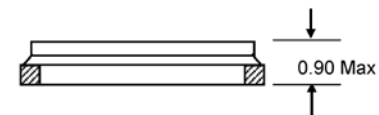
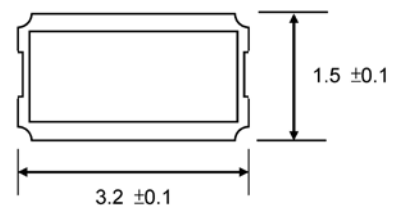
SMD Ceramic type for high population assembly
Ultra light weight
High stable with vacuum sealing

RoHS Complaint

Standard Parameters

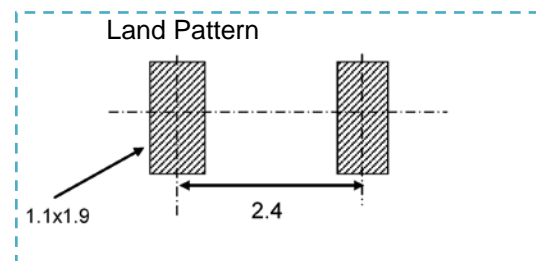
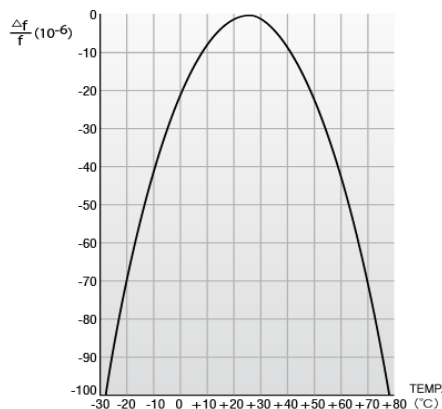
Parameter	Specifications
Frequency Range	32.768KHz
Vibration Mode	DT-Cut, Fundamental
Frequency Tolerance @25°C	±20ppm
Frequency Stability vs Temp Range	-0.04ppm/°C ² Max.
Operating Temp. Range	-40 ~ +85 °C
Load Capacitance	12.5pF (std)
Drive Level	1.0μW Max.
Shunt Capacitance	2.0pF Max.
Equivalent Series Resistance	70,000Ω Max.
Aging per year	±3ppm
Storage Temp. Range	-40 ~ 125 °C

Outlines and Dimensions



Bottom View

Frequency vs Temp. Deviation Characteristics



CALTRON DEVICES LTD.



www.caltron.com.hk

(852) 24223407

sales@caltron.com.hk

Subject to change without notice