CALTRON DEVICES LTD

F12

Research for Frequency Products

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 (1x2¹³). Parabolic curve of temperature coefficient. Parts are supplied 3000pcs in tape and reel as standard.

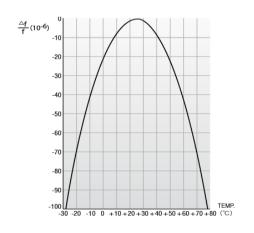
Features

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/°C2 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

Frequency vs Temp. Deviation Characteristics



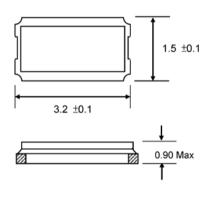
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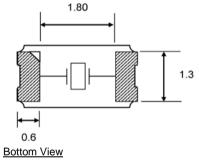
(852) 24223407 sales@caltron.com.hk

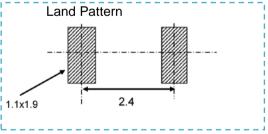
Crystal Unit Tuning Fork SMD 3.2x1.5x0.9mm 32.768KHz



Outlines and Dimensions











Subject to change without notice

MECHA REACH

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