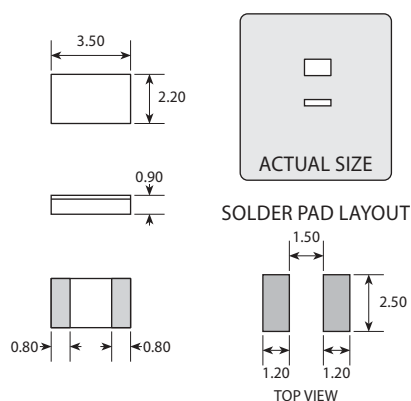


PHOTO NOT AVAILABLE



Scale 3:1

Features

- ▶ **Smallest watch crystal in the world**
- ▶ **High shock & vibration resistance**
- ▶ **Military temperature range option**
- ▶ **Low power consumption**
- ▶ **Miniature ceramic package**

Specifications

Parameters	Product	Option Code
	CC6V	
Terminations: Gold plated pads Ni+Sn plated pads	■ □	T1A T2A
Frequency range: 32.768kHz	■	
Calibration tolerance: ±30ppm ±100ppm	■ □	specify
Operating temperature range: -40 to +85°C -55 to +125°C	■ □	M
Storage temperature range: -55 to +125°C	■	
Circuit condition: 9pF 12.5pF	■ □	specify
Static capacitance (C₀): 1.2pF typ	■	
Motional capacitance (C₁): 2.4fF typ	■	
Equivalent series resistance: 50kΩ typ, 80kΩ max	■	
Ageing: ±3ppm max first year	■	
Drive level: 1.0μW max	■	
Turnover temperature (T₀): +25°C ±5°C	■	
Frequency / temp coefficient: -0.035ppm/°C ² typ	■	
Shock resistance: ±5ppm, 5,000g, 0.3ms, ½ sine	■	
Vibration resistance: ±5ppm, 20g, 10.0 ~ 2,000Hz	■	
Soldering condition: Reflow, 260°C, 20 sec max	■	

■ Standard. □ Optional - Please specify required code(s) when ordering

Ordering Information

Product name + termination + option codes (if any) + frequency

eg: **CC6V-T1A 32.768kHz ±30ppm** -40+85°C

CC6V-T1A/M 32.768kHz ±100ppm -55+125°C

Option code X (eg CC6V-T1A/X) denotes a custom spec.

- ♦ Available on T&R (3k or 8k pcs/reel) or trays (100pcs/tray).
- ♦ Refer to our website for T&R and soldering details.
- ♦ Ask about higher shock & vibration specifications.