



Scale 3:1

## Features

- ▄ High shock & vibration resistance
- ▄ Military temperature range option
- ▄ Low power consumption
- ▄ Miniature ceramic package

## Specifications

Parameters	Product	Option Code
	CC5V	
<b>Terminations:</b> Gold plated pads	<input checked="" type="checkbox"/>	T1A
<b>Frequency range:</b> 32.768kHz 32.0 ~ 100kHz	<input checked="" type="checkbox"/> <input type="checkbox"/>	
<b>Calibration tolerance:</b> ±30ppm Other	<input checked="" type="checkbox"/> <input type="checkbox"/>	specify
<b>Operating temperature range:</b> -40 to +85°C -55 to +125°C	<input checked="" type="checkbox"/> <input type="checkbox"/>	M
<b>Storage temperature range:</b> -55 to +125°C	<input checked="" type="checkbox"/>	
<b>Circuit condition:</b> 9pF 12.5pF	<input checked="" type="checkbox"/> <input type="checkbox"/>	specify
<b>Static capacitance (C<sub>0</sub>):</b> 1.4pF typ	<input checked="" type="checkbox"/>	
<b>Motional capacitance (C<sub>1</sub>):</b> 2.1fF typ	<input checked="" type="checkbox"/>	
<b>Equivalent series resistance:</b> 60kΩ typ, 80kΩ max @ 25°C	<input checked="" type="checkbox"/>	
<b>Ageing:</b> ±3ppm max first year	<input checked="" type="checkbox"/>	
<b>Drive level:</b> 1.0μW max	<input checked="" type="checkbox"/>	
<b>Turnover temperature (T<sub>0</sub>):</b> +25°C ±5°C	<input checked="" type="checkbox"/>	
<b>Frequency / temp coefficient:</b> -0.035ppm/°C <sup>2</sup> ±10%	<input checked="" type="checkbox"/>	
<b>Shock resistance:</b> ±5ppm, 5,000g, 0.3ms, ½ sine	<input checked="" type="checkbox"/>	
<b>Vibration resistance:</b> ±5ppm, 20g, 10.0 ~ 2,000Hz	<input checked="" type="checkbox"/>	
<b>Soldering condition:</b> Reflow, 260°C, 20 sec max	<input checked="" type="checkbox"/>	

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

## Ordering Information

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

eg: **CC5V-T1A 32.768kHz ±30ppm** -40+85°C

**CC5V-T1A/M 32.768kHz ±100ppm** -55+125°C

Option code X (eg CC5V-T1A/X) denotes a custom spec.

- ◆ Available on T&R (3k, 7k or 14k pcs/reel) or trays (200pcs/tray).
- ◆ Specifications vary by frequency. Specifications shown are for 32.768kHz.
- ◆ Refer to our website for T&R and soldering details.
- ◆ Ask about higher shock & vibration specifications.