



Features

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

Specifications

Parameters	Product	Option Code
	CC7V	
Terminations: Gold plated pads Ni+Sn plated pads	<input checked="" type="checkbox"/> <input type="checkbox"/>	T1A T2A
Frequency range: 32.768kHz	<input checked="" type="checkbox"/>	
Calibration tolerance: ±30ppm ±100ppm	<input checked="" type="checkbox"/> <input type="checkbox"/>	specify
Operating temperature range: -40 to +85°C -55 to +125°C	<input checked="" type="checkbox"/> <input type="checkbox"/>	M
Storage temperature range: -55 to +125°C	<input checked="" type="checkbox"/>	
Circuit condition: 9pF 12.5pF	<input checked="" type="checkbox"/> <input type="checkbox"/>	specify
Static capacitance (C₀): 1.0pF typ	<input checked="" type="checkbox"/>	
Motional capacitance (C₁): 3.0fF typ	<input checked="" type="checkbox"/>	
Equivalent series resistance: 65kΩ typ, 80kΩ max	<input checked="" type="checkbox"/>	
Ageing: ±3ppm max first year	<input checked="" type="checkbox"/>	
Drive level: 1.0μW max	<input checked="" type="checkbox"/>	
Turnover temperature (T₀): +25°C ±5°C	<input checked="" type="checkbox"/>	
Frequency / temp coefficient: -0.035ppm/°C ² typ	<input checked="" type="checkbox"/>	
Shock resistance: ±5ppm, 5,000g, 0.3ms, ½ sine	<input checked="" type="checkbox"/>	
Vibration resistance: ±5ppm, 20g, 10.0 ~ 2,000Hz	<input checked="" type="checkbox"/>	
Soldering condition: 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

eg: **CC7V-T1A 32.768kHz ±30ppm** -40+85°C

CC7V-T1A/M 32.768kHz ±100ppm -55+125°C

Option code X (eg CC7V-T1A/X) denotes a custom spec.

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