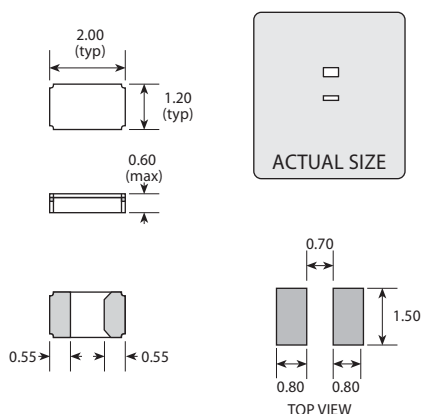
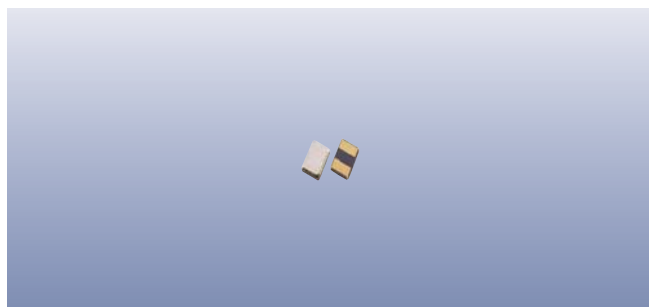




Scale 5:1

Features

- Ultra low profile - 0.6mm high
- Miniature ceramic package
- High shock & vibration resistance
- Industrial and Extended temperature ranges
- Low power consumption

Specifications

Parameters	Product	Option Code
	CM8V	
Terminations: Gold plated pads	■	T1A
Frequency range: 32.768kHz	■	
Calibration tolerance: ±20ppm ±100ppm	■ □	specify
Operating temperature range: -40 to +85°C -55 to +125°C	■ □	M
Storage temperature range: -55 to +125°C	■	
Circuit condition: 7pF 9pF 12.5pF Other values	□ □ ■ □	specify specify specify
Static capacitance (C_0): 1.0pF typ	■	
Motional capacitance (C_1): 3.5fF typ	■	
Equivalent series resistance: 90kΩ max	■	
Ageing: ±3ppm max first year	■	
Drive level: 0.5μW max	■	
Turnover temperature (T_0): +25°C ±5°C	■	
Frequency / temp coefficient: -0.035ppm/°C² 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 + calibration tolerance

eg: **CM8V-T1A 32.768kHz ±20ppm** -40+85°C

CM8V-T1A/M 32.768kHz ±100ppm -55+125°C

Option code X (eg CM8V-T1A/X) denotes a custom spec.

- ◆ Available on T&R 1k, 3k or 14k pcs/reel.
- ◆ Refer to our website for T&R and soldering details.
- ◆ Ask about higher shock & vibration specifications.