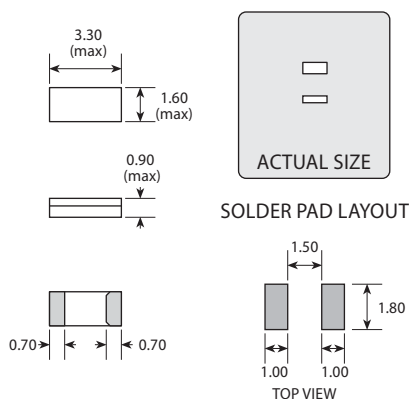
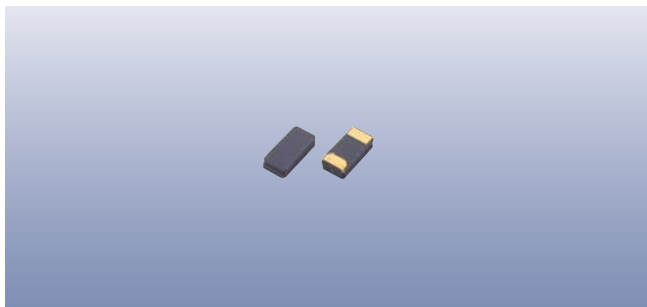




Features

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

Specifications

Parameters	Product	Option Code
	CC7A	
Terminations: Gold plated pads Sn/Ag/Cu plated pads	☒ ☐	T1A T3A
Frequency range: 24.0 ~ 30.0MHz	☒	
Calibration tolerance: ±50ppm Other	☒ ☐	specify
Temperature stability / range: ±50ppm over -40 to +85°C ±100ppm over -55 to +125°C Other	☒ ☐ ☐	M specify
Storage temperature range: -55 to +125°C	☒	
Circuit condition: 20pF 10 ~ 50pF	☒ ☐	specify
Static capacitance (C₀): 0.7pF typ	☒	
Motional capacitance (C₁): 1.0fF typ, 3.0fF max	☒	
Equivalent series resistance: 60Ω typ, 100Ω max	☒	
Ageing: ±3ppm max first year	☒	
Drive level: 100μW typ, 250μW max	☒	
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: **CC7A-T1A 24.0MHz** ±50ppm -40+85°C

CC7A-T1A/M 27.0MHz ±100ppm -55+125°C

Option code X (eg CC7A-T1A/X) denotes a custom spec.

- ◆ Available on T&R 1k, 3k, 7k or 14k pcs/reel.
- ◆ Refer to our website for T&R and soldering details.
- ◆ Ask about higher shock & vibration specifications.