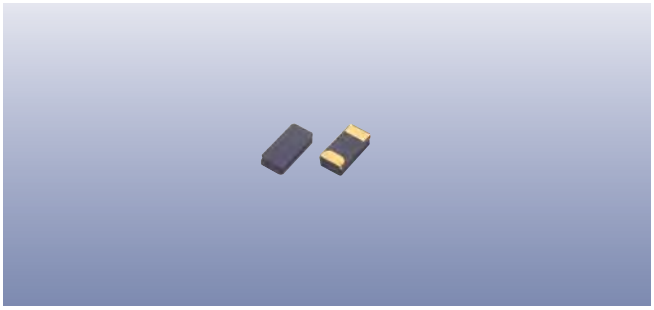
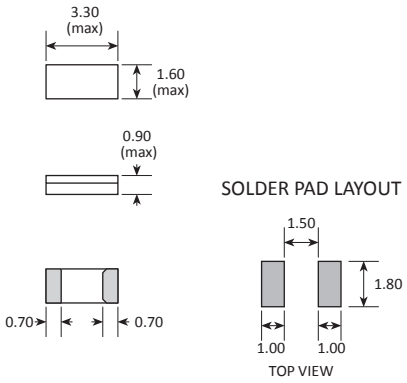
SM Crystal -55+125°C

CC7A

RoHS

Pb LeadFree





Features

- Miniature ceramic package
- High shock & vibration resistance
- Military temperature range -55+125°C option
- Low power consumption

Specifications

Parameters	Product CC7A	Option Code
Terminations: Gold plated pads	■	T1A
Sn/Ag/Cu plated pads	□	T3A
Frequency range: 24.0 ~ 50.0MHz	■	
Calibration tolerance: ±50ppm	■	
Other	□	specify
Temperature stability / range:		
±50ppm over -40 to +85°C	■	
±100ppm over -55 to +125°C	□	M
Other	□	specify
Storage temperature range: -55 to +125°C	■	
Circuit condition: 3pF	□	specify
9pF	■	specify
16pF	□	specify
Static capacitance (C_0): 0.7pF typ	■	
Motional capacitance (C_1): 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: 5,000g, 0.3ms, ½ sine	■	
Vibration resistance: 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 + circuit condition

eg: **CC7A-T1A 24.0MHz 9pF** ±50ppm -40+85°C

CC7A-T1A/M 26.0MHz 16pF ±100ppm -55+125°C

Option code X (eg CC7A-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.