



Features

- ▣ Fundamental mode up to 250MHz
- ▣ Inverted mesa technology
- ▣ High shock & vibration resistance
- ▣ Military temperature range option
- ▣ Low power consumption

Standard Frequencies

Fundamental in MHz	
50.000000	166.628600
77.760000	200.000000
100.000000	207.360000
106.250000	212.500000
125.000000	250.000000
155.520000	

Specifications

Parameters	Product	Option Code
	CC6F	
Terminations: Gold plated pads Ni+Sn plated pads	<input checked="" type="checkbox"/> <input type="checkbox"/>	T1A T2A
Frequency range: 30.0 ~ 250MHz	<input checked="" type="checkbox"/>	
Calibration tolerance: ±50ppm Other	<input checked="" type="checkbox"/> <input type="checkbox"/>	specify
Temperature stability / range: ±30ppm over -40 to +85°C ±100ppm over -55 to +125°C Other	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	M specify
Storage temperature range: -55 to +125°C	<input checked="" type="checkbox"/>	
Circuit condition: 10pF Other	<input checked="" type="checkbox"/> <input type="checkbox"/>	specify
Static capacitance (C₀): 2.4pF typ @ 50.0MHz 2.9pF typ @ 155.52MHz	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
Motional capacitance (C₁): 2.7fF typ @ 50.0MHz 5.6fF typ @ 155.52MHz	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
Equivalent series resistance: 50Ω typ, 100Ω max @ 50.0MHz 15Ω typ, 35Ω max @ 155.52MHz	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
Ageing: ±3ppm max first year	<input checked="" type="checkbox"/>	
Drive level: 100μW max	<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

Package type + termination + option code (if any) + frequency

eg: **CC6F-T1A 155.52MHz** 50/30/40/10 (standard)

CC6F-T1A/M 77.76MHz ±50ppm 30pF

Option code X (eg CC6F-T1A/X) denotes a custom spec.

- ◆ Available on T&R (3k or 8k pcs/reel) or trays (200pcs/tray).
- ◆ Refer to our website for T&R and soldering details.