



## 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	
<b>Terminations:</b> Gold plated pads	<input checked="" type="checkbox"/>	T1A
<b>Frequency range:</b> 30.0 ~ 250MHz	<input checked="" type="checkbox"/>	
<b>Calibration tolerance:</b> ±50ppm Other	<input checked="" type="checkbox"/> <input type="checkbox"/>	specify
<b>Temperature stability / range:</b> ±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
<b>Storage temperature range:</b> -55 to +125°C	<input checked="" type="checkbox"/>	
<b>Circuit condition:</b> 10pF Other	<input checked="" type="checkbox"/> <input type="checkbox"/>	specify
<b>Static capacitance (C<sub>0</sub>):</b> 2.4pF typ @ 50.0MHz 2.9pF typ @ 155.52MHz	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<b>Motional capacitance (C<sub>1</sub>):</b> 2.7fF typ @ 50.0MHz 5.6fF typ @ 155.52MHz	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<b>Equivalent series resistance:</b> 50Ω typ, 100Ω max @ 50.0MHz 15Ω typ, 35Ω max @ 155.52MHz	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
<b>Ageing:</b> ±3ppm max first year	<input checked="" type="checkbox"/>	
<b>Drive level:</b> 100µW max	<input checked="" type="checkbox"/>	
<b>Shock resistance:</b> ±5ppm, 5,000g, 0.3ms, ½ sine	<input checked="" type="checkbox"/>	
<b>Vibration resistance:</b> ±5ppm, 20g, 10.0 ~ 2,000Hz	<input checked="" type="checkbox"/>	
<b>Soldering condition:</b> 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 7k pcs/reel) or trays (200pcs/tray).
- ◆ Refer to our website for T&R and soldering details.