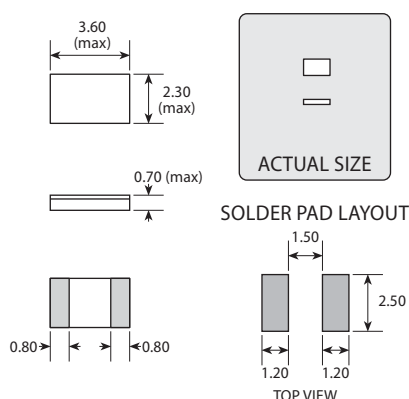
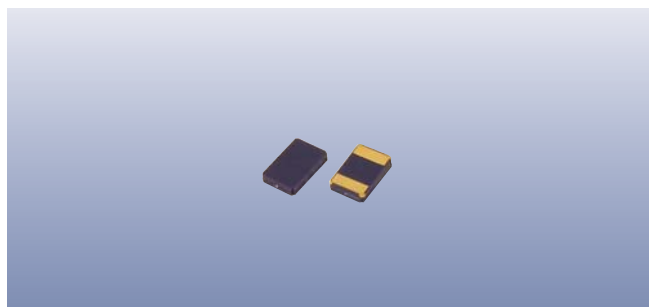




## Features

- **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                                                                  | ■           | T1A          |
| <b>Frequency range:</b> 30.0 ~ 250MHz                                                                  | ■           |              |
| <b>Calibration tolerance:</b> ±50ppm<br>Other                                                          | ■<br>□      | specify      |
| <b>Temperature stability / range:</b><br>±30ppm over -40 to +85C<br>±100ppm over -55 to +125C<br>Other | ■<br>□<br>□ | M<br>specify |
| <b>Storage temperature range:</b><br>-55 to +125C                                                      | ■           |              |
| <b>Circuit condition:</b> 10pF<br>Other                                                                | ■<br>□      | specify      |
| <b>Static capacitance (C<sub>0</sub>):</b><br>2.4pF typ @ 50.0MHz<br>2.9pF typ @ 155.52MHz             | ■<br>■      |              |
| <b>Motional capacitance (C<sub>1</sub>):</b><br>2.7fF typ @ 50.0MHz<br>5.6fF typ @ 155.52MHz           | ■<br>■      |              |
| <b>Equivalent series resistance:</b><br>50Ω typ, 100Ω max @ 50.0MHz<br>15Ω typ, 35Ω max @ 155.52MHz    | ■<br>■      |              |
| <b>Ageing:</b> ±3ppm max first year                                                                    | ■           |              |
| <b>Drive level:</b> 100μW max                                                                          | ■           |              |
| <b>Shock resistance:</b><br>±5ppm, 5,000g, 0.3ms, sine                                                 | ■           |              |
| <b>Vibration resistance:</b><br>±5ppm, 20g, 10.0 ~ 2,000Hz                                             | ■           |              |
| <b>Soldering condition:</b><br>Reflow, 260 C, 20 sec max                                               | ■           |              |

■ 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 1k, 3k or 7k pcs/reel.
- ◆ Refer to our website for T&R and soldering details.