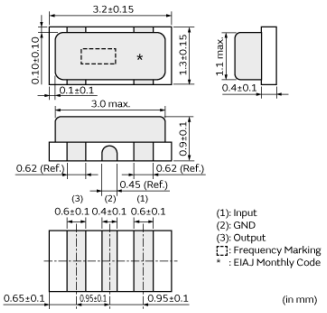
Note: This datasheet may be out of date.
Please download the latest datasheet of CSTCE16M0V53-R0 from the official website of Murata Manufacturing Co., Ltd.
https://www.murata.com/en-us/products/productdetail?partno=CSTCE16M0V53-R0

# CSTCE16M0V53-R0

In Production | NRND | RoHS | REACH

## Appearance & Shape




## Features

MURATA's package technology expertise has enabled the development of the Chip CERALOCK(R) with built-in load capacitors.
High-density mounting is made possible by the small package and the elimination of the need for an external load capacitor.

Features
1. Oscillation circuits do not require external load capacitors.
2. Available for a wide frequency range.
3. Extremely small and have a low profile.
4. No adjustment is necessary for oscillation circuits.

## Applications

| | |
|---|---|
| Other Usage | Consumer/Industrial |

## Packaging Information

| Packaging | Specifications | Minimum Order Quantity |
|---|---|---|
| R0 | 180mm Embossed Tape | 3000 |



Attention
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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# CSTCE16M0V53-R0

## Specifications

| | |
|---|---|
| Shape | SMD |
| Frequency | 16.000MHz |
| Frequency Tolerance | ±0.50% |
| Operating Temperature Range | -20℃ to 80℃ |
| Frequency Shift by Temperature | ±0.30% |
| Frequency Aging | ±0.20% |
| Wash | Not available |
| Resonant Impedance | 40Ω |
| Built-in Load Capacitance | 15pF |



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