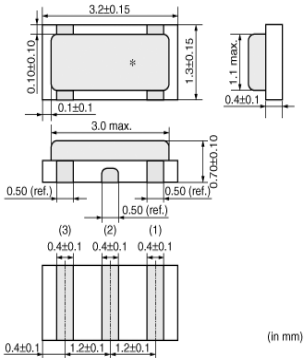
# CSTCE8M00G52-R0

In Production 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 can be realized because of 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 in 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.

# CSTCE8M00G52-R0

## Specifications

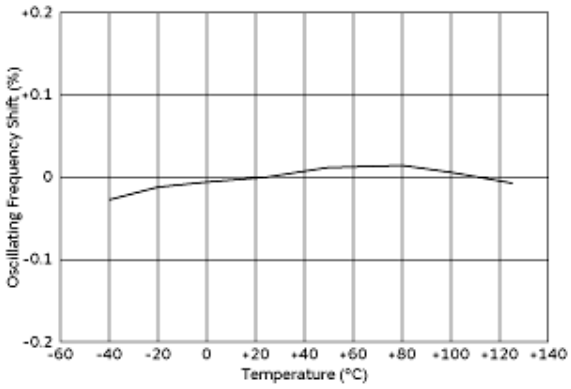
| | |
|---|---|
| Shape | SMD |
| Frequency | 8.000MHz |
| Frequency Tolerance | ±0.5% |
| Operating Temperature Range | -20℃ to 80℃ |
| Frequency Shift by Temperature | ±0.2% |
| Frequency Aging | ±0.1% |
| Wash | Not avairable |
| Resonant Impedance | 40Ω |
| Built-in Load Capacitance | 10pF |



**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.

# CSTCE8M00G52-R0

## Product Data




Temperature Characteristics



**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.