

## Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of CSTCE12M5G55-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=CSTCE12M5G55-R0

# CSTCE12M5G55-R0









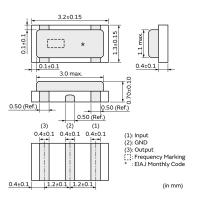
## **Applications**

| Unsuitable   | Please be sure to read and comply with     |
|--------------|--|
| Applications | these "Precautions for use."               |
|              | Consumer equipment                         |
|              | Please refer to Our Website and            |
|              | specifications, etc. for information about |
| Specific     | the performance, functions, quality,       |
| '            | management, and safety required for        |
| Applications | the above applications, and use            |
|              | Products after confirming the              |
|              | performance and reliability of the actual  |
|              | Product.                                   |



## Appearance & Shape







## Packaging Information

| Packaging | Specifications      | Standard<br>Packing<br>Quantity |
|-----------|---------------------|---------------------------------|
| R0        | 180mm Embossed Tape | 3000                            |



## **Features**

MURATA's package technology expertise has enabled the development of the Chip CERALOCK.

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.

1 of 2

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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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# **Specifications**

| Product Type                           | Ceramic Resonator<br>(CERALOCK) |
|--|---------------------------------|
| Series                                 | CSTCE_G                         |
| Frequency                              | 12.500MHz                       |
| Frequency Tolerance                    | +/-0.50% max.                   |
| Operating Temperature Range            | -20°C~80°C                      |
| Frequency Shift by Temperature         | +/-0.20% max.                   |
| Frequency Aging                        | +/-0.10% max.                   |
| Resonant Impedance (R1)                | 30ohm max.                      |
| Built-in Load Capacitance<br>(CL1/CL2) | 33pF                            |
| Shape                                  | SMD                             |
| Wash                                   | Not available                   |
| L x W (size)                           | 3.2x1.3mm                       |
| Mass                                   | 11mg                            |

2 of 2

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