

### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of CSTCE9M83G52-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CSTCE9M83G52-R0

## CSTCE9M83G52-R0









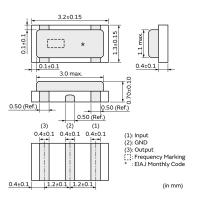
### **Applications**

| Unsuitable               | Please be sure to read and comply with     |  |
|--------------------------|--|--|
| Applications             | these "Precautions for use."               |  |
| Specific<br>Applications | Consumer equipment                         |  |
|                          | Please refer to Our Website and            |  |
|                          | specifications, etc. for information about |  |
|                          | the performance, functions, quality,       |  |
|                          | management, and safety required for        |  |
|                          | 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.

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#### 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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# CSTCE9M83G52-R0



# **Specifications**

| Product Type              | Ceramic Resonator |  |
|---------------------------|-------------------|--|
| Product Type              | (CERALOCK)        |  |
| Series                    | CSTCE_G           |  |
| Frequency                 | 9.830MHz          |  |
| Frequency Tolerance       | +/-0.50% max.     |  |
| Operating Temperature     | -20°C~80°C        |  |
| Range                     | 20 0 00 0         |  |
| Frequency Shift by        | +/-0.20% max.     |  |
| Temperature               | 17-0.20 /0 IIIax. |  |
| Frequency Aging           | +/-0.10% max.     |  |
| Resonant Impedance (R1)   | 40ohm max.        |  |
| Built-in Load Capacitance | 10pF              |  |
| (CL1/CL2)                 | Tope              |  |
| Shape                     | SMD               |  |
| Wash                      | Not available     |  |
| L x W (size)              | 3.2x1.3mm         |  |
| Mass                      | 11mg              |  |

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