

Product Search Data Sheet

CSTNE11M0G520000R0

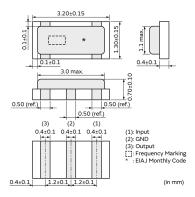
In Production Recommended RoHS REACH

## Applications

| Unsuitable               | Please be sure to read and comply with     |
|--------------------------|--|
| Applications             | these "Precautions for use."               |
|                          | Consumer equipment,Industrial              |
|                          | equipment except for transportation &      |
|                          | facility & energy equipment, Medical       |
|                          | equipment [GHTF A/B],Mobile                |
|                          | Electronics                                |
| Chaoifia                 | Please refer to Our Website and            |
| Specific<br>Applications | specifications, etc. for information about |
| Applications             | 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





Note: This datasheet may be out of date. Please download the latest datasheet of CSTNE11M0G520000R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CSTNE11M0G520000R0

## Packaging Information

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



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.
- 5. Stable supply is ensured due to not using precious metal(Palladium).

1 of 2

#### 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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## Specifications

| Product Type                           | Ceramic Resonator<br>(CERALOCK) |
|--|---------------------------------|
| Series                                 | CSTNE_G                         |
| Frequency                              | 11.000MHz                       |
| Frequency Tolerance                    | +/-0.50% max.                   |
| Operating Temperature<br>Range         | -40°C~85°C                      |
| Frequency Shift by<br>Temperature      | +/-0.20% max.                   |
| Frequency Aging                        | +/-0.10% max.                   |
| Resonant Impedance (R1)                | 30ohm max.                      |
| Built-in Load Capacitance<br>(CL1/CL2) | 10pF                            |
| Shape                                  | SMD                             |
| Wash                                   | Not available                   |
| L x W (size)                           | 3.2x1.3mm                       |
| Mass                                   | 11.73mg                         |

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