

Note: This datasheet may be out of date. Please download the latest datasheet of CSTNE16M0V510000R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CSTNE16M0V510000R0

# CSTNE16M0V510000R0









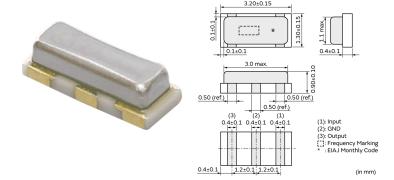


## **Applications**

| Unsuitable               | Please be sure to read and comply with   |  |
|--------------------------|--|--|
| Applications             | these "Precautions for use."   |  |
| Specific<br>Applications | Consumer equipment,Industrial equipment except for transportation & facility & energy equipment,Medical equipment [GHTF A/B],Mobile Electronics 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.
- 5. Stable supply is ensured due to not using precious metal(Palladium).

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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





### Product Search Data Sheet

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# **Specifications**

| Product Type                           | Ceramic Resonator<br>(CERALOCK) |
|--|---------------------------------|
| Series                                 | CSTNE_V                         |
| Frequency                              | 16.000MHz                       |
| Frequency Tolerance                    | +/-0.50% max.                   |
| Operating Temperature Range            | -40°C~85°C                      |
| Frequency Shift by Temperature         | +/-0.30% max.                   |
| Frequency Aging                        | +/-0.20% max.                   |
| Resonant Impedance (R1)                | 40ohm max.                      |
| Built-in Load Capacitance<br>(CL1/CL2) | 5pF                             |
| Shape                                  | SMD                             |
| Wash                                   | Not available                   |
| L x W (size)                           | 3.2x1.3mm                       |
| Mass                                   | 16.972mg                        |

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