

Product Search Data Sheet

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of CSTCE16M9V53Z-R0 from the official website of Murata

CSTCE16M9V53Z-R0







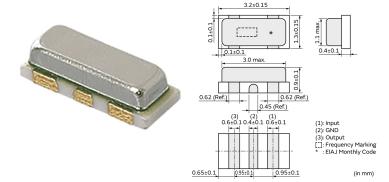


Applications

| 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, | |
| Applications | 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 Packing 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. Available for a wide temperature range.

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

| | Ceramic Resonator | |
|---------------------------|-------------------|--|
| Product Type | | |
| 71 | (CERALOCK) | |
| Series | CSTCE_V | |
| | | |
| Frequency | 16.934MHz | |
| Frequency Tolerance | +/-0.50% max. | |
| Operating Temperature | | |
| Range | -40°C~125°C | |
| Frequency Shift by | | |
| Temperature | +/-0.30% max. | |
| Frequency Aging | +/-0.20% max. | |
| Trequency Aging | 17-0.20 /0 IIIax. | |
| Resonant Impedance (R1) | 40ohm max. | |
| Built-in Load Capacitance | 45-5 | |
| (CL1/CL2) | 15pF | |
| Shape | SMD | |
| Wash | Not available | |
| vvasii | INOL AVAIIADIE | |
| L x W (size) | 3.2x1.3mm | |
| Mass | 17mg | |
| | | |

2 of 2

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