

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of CSTCE12M5G55Z-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=CSTCE12M5G55Z-R0

CSTCE12M5G55Z-R0









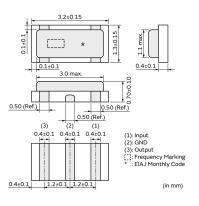
Applications

| Unsuitable | Please be sure to read and comply with | |
|--------------------------|--|--|
| Applications | these "Precautions for use." | |
| Specific 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 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

Attention

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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 (CERALOCK) |
|--|---------------------------------|
| Series | CSTCE_G |
| Frequency | 12.500MHz |
| Frequency Tolerance | +/-0.50% max. |
| Operating Temperature Range | -40°C~125°C |
| Frequency Shift by Temperature | +/-0.20% max. |
| Frequency Aging | +/-0.10% max. |
| Resonant Impedance (R1) | 30ohm max. |
| Built-in Load Capacitance (CL1/CL2) | 33pF |
| Shape | SMD |
| Wash | Not available |
| L x W (size) | 3.2x1.3mm |
| Mass | 11mg |

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