

## Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of CSTCC3M68G53-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=CSTCC3M68G53-R0

# CSTCC3M68G53-R0









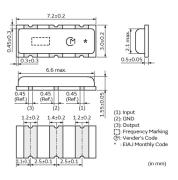
## **Applications**

| 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 | 2000                            |



## **Features**

MURATA's package technology expertise has enabled the development of the Chip CERALOCK. High-density mounting can be realized because of 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 in a wide frequency range.
- 3. Extremely small and have a low profile.
- 4. No adjustment is necessary for oscillation circuits.

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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 |  |
|---------------------------|-------------------|--|
| Troduct Type              | (CERALOCK)        |  |
| Series                    | CSTCC_G           |  |
|                           |                   |  |
| Frequency                 | 3.686MHz          |  |
| Frequency Tolerance       | +/-0.50% max.     |  |
| Operating Temperature     |                   |  |
| Range                     | -20°C~80°C        |  |
| Frequency Shift by        |                   |  |
| Temperature               | +/-0.30% max.     |  |
| Frequency Aging           | +/-0.30% max.     |  |
| , , , ,                   |                   |  |
| Resonant Impedance (R1)   | 50ohm max.        |  |
| Built-in Load Capacitance | 15pF              |  |
| (CL1/CL2)                 | lobe              |  |
| Shape                     | SMD               |  |
| Wash                      | available         |  |
|                           |                   |  |
| L x W (size)              | 7.2x3.0mm         |  |
| Mass                      | 82mg              |  |

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