

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 CSTCC2M00G53A-R0 from the official website of Murata

CSTCC2M00G53A-R0











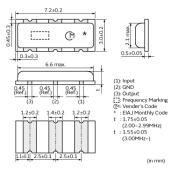
Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Automotive powertrain/safety 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	2000



Features

MURATA's frequency adjustment and package technology expertise has enabled the development of the chip CERALOCK. This diverse series owes its development to MURATA's original mass production techniques and high reliability, and has achieved importance in the worldwide automotive market.

Features

- 1. The series has high reliability and is available for a wide temperature range.
- 2. Oscillation circuits do not require external load capacitors.
- 3. The series is available in a wide frequency range.
- 4. The resonators are extremely small and have a low profile.
- 5. No adjustment is necessary for oscillation circuits.

1 of 2

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

CSTCC2M00G53A-R0

Product Type	Ceramic Resonator (CERALOCK)
Series	CSTCC_G_A
Frequency	2.000MHz
Frequency Tolerance	+/-0.50% max.
Operating Temperature Range	-40°C~125°C
Frequency Shift by Temperature	+/-0.40% max.
Frequency Aging	+/-0.30% max.
Resonant Impedance (R1)	80ohm max.
Built-in Load Capacitance (CL1/CL2)	15pF
Shape	SMD
Wash	available
L x W (size)	7.2x3.0mm
Mass	92mg

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