

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of CSTCR5M00G53Z-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CSTCR5M00G53Z-R0

CSTCR5M00G53Z-R0











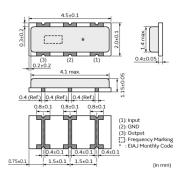
Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific 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 Packing Quantity
R0 180mm Embossed Tape		3000



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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Attention

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 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$

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 CSTCR_G Frequency 5.000MHz Frequency Tolerance +/-0.50% max. Operating Temperature Range Frequency Shift by Temperature Frequency Aging +/-0.30% max. Frequency Aging +/-0.10% max. Resonant Impedance (R1) Built-in Load Capacitance (CL1/CL2) Shape SMD Wash Not available L x W (size) 4.5x2.0mm Mass		
Series CSTCR_G Frequency 5.000MHz Frequency Tolerance +/-0.50% max. Operating Temperature Range -40°C~125°C Frequency Shift by +/-0.30% max. Frequency Aging +/-0.10% max. Resonant Impedance (R1) 600hm max. Built-in Load Capacitance (CL1/CL2) 15pF Shape SMD Wash Not available L x W (size) 4.5x2.0mm	Draduct Type	Ceramic Resonator
Frequency 5.000MHz Frequency Tolerance +/-0.50% max. Operating Temperature Range -40°C~125°C +/-0.30% max. Frequency Shift by +/-0.30% max. Frequency Aging +/-0.10% max. Resonant Impedance (R1) 60ohm max. Built-in Load Capacitance (CL1/CL2) 5hape SMD Wash Not available L x W (size) 4.5x2.0mm	Product Type	(CERALOCK)
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Operating Temperature Range Frequency Shift by Temperature Frequency Aging +/-0.10% max. Resonant Impedance (R1) Built-in Load Capacitance (CL1/CL2) Shape Wash Not available L x W (size) -40°C~125°C +/-0.30% max. 15pF SMD Not available	Frequency	5.000MHz
Range Frequency Shift by Temperature Frequency Aging Resonant Impedance (R1) Built-in Load Capacitance (CL1/CL2) Shape Wash Not available L x W (size)	Frequency Tolerance	+/-0.50% max.
Frequency Shift by Temperature +/-0.30% max. Frequency Aging +/-0.10% max. Resonant Impedance (R1) 60ohm max. Built-in Load Capacitance (CL1/CL2) Shape SMD Wash Not available L x W (size) +/-0.30% max.		-40°C~125°C
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Temperature Frequency Aging +/-0.10% max. Resonant Impedance (R1) 60ohm max. Built-in Load Capacitance (CL1/CL2) 15pF Shape SMD Wash Not available L x W (size) 4.5x2.0mm	Frequency Shift by	+/-0.30% max.
Resonant Impedance (R1) 60ohm max. Built-in Load Capacitance (CL1/CL2) 15pF Shape SMD Wash Not available L x W (size) 4.5x2.0mm	Temperature	
Built-in Load Capacitance (CL1/CL2) 15pF Shape SMD Wash Not available L x W (size) 4.5x2.0mm	Frequency Aging	+/-0.10% max.
(CL1/CL2) 15pF Shape SMD Wash Not available L x W (size) 4.5x2.0mm	Resonant Impedance (R1)	60ohm max.
(CL1/CL2) SMD Wash Not available L x W (size) 4.5x2.0mm	Built-in Load Capacitance	15nF
Wash Not available L x W (size) 4.5x2.0mm	(CL1/CL2)	Topi
L x W (size) 4.5x2.0mm	Shape	SMD
	Wash	Not available
Mass 29mg	L x W (size)	4.5x2.0mm
	Mass	29mg

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