

Product Search Data Sheet

Please download the latest datasheet of CSTCE12M5G52-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CSTCE12M5G52-R0

Note: This datasheet may be out of date.

CSTCE12M5G52-R0









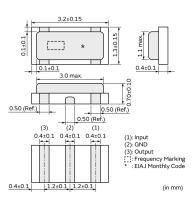
Applications

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
Chasifia	the performance, functions, quality,
Specific	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.

1 of 2

Attention

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.

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

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering





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Specifications

	Ceramic Resonator	
Product Type		
71	(CERALOCK)	
Series	CSTCE_G	
Frequency	12.500MHz	
Frequency Tolerance	+/-0.50% max.	
Operating Temperature	2005 2005	
Range	-20°C~80°C	
Frequency Shift by	10.000	
Temperature	+/-0.20% max.	
Frequency Aging	+/-0.10% max.	
Resonant Impedance (R1)	30ohm max.	
Built-in Load Capacitance	10pF	
(CL1/CL2)		
Shape	SMD	
Wash	Not available	
L x W (size)	3.2x1.3mm	
Mass	11mg	

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