

### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of CSTCE13M5G52-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=CSTCE13M5G52-R0

# CSTCE13M5G52-R0









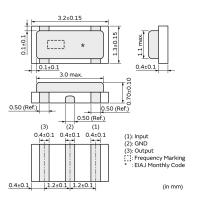
## **Applications**

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
Specific	the performance, functions, quality,
Applications	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.

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#### 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 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**

	Ceramic Resonator	
Product Type		
	(CERALOCK)	
Series	CSTCE_G	
Frequency	13.500MHz	
Frequency Tolerance	+/-0.50% max.	
Operating Temperature		
Range	-20°C~80°C	
Frequency Shift by	. / 0.000/	
Temperature	+/-0.20% max.	
Frequency Aging	+/-0.10% max.	
D(D4)	20 - 1	
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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