

### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of CSTCE13M0G52-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=CSTCE13M0G52-R0

# CSTCE13M0G52-R0









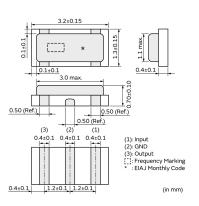
### **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific 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 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**

Product Type	Ceramic Resonator	
Product Type	(CERALOCK)	
Series	CSTCE_G	
Frequency	13.000MHz	
Frequency Tolerance	+/-0.50% max.	
Operating Temperature	-20°C~80°C	
Range	-20 C~60 C	
Frequency Shift by	+/-0.20% max.	
Temperature	+/-0.20% max.	
Frequency Aging	+/-0.10% max.	
Resonant Impedance (R1)	30ohm max.	
Built-in Load Capacitance	10nE	
(CL1/CL2)	10pF	
Shape	SMD	
Wash	Not available	
L x W (size)	3.2x1.3mm	
Mass	11mg	

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