

Please download the latest datasheet of CSTNE8M38G520000R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=CSTNE8M38G520000R0

Note: This datasheet may be out of date.

## CSTNE8M38G520000R0











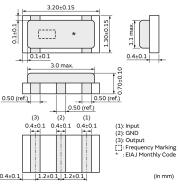
## **Applications**

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 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.
- 5. Stable supply is ensured due to not using precious metal(Palladium).

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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	CSTNE_G	
Frequency	8.388MHz	
Frequency Tolerance	+/-0.50% max.	
Operating Temperature	-40°C~85°C	
Range	-40 C-65 C	
Frequency Shift by	+/-0.20% max.	
Temperature	+7-0.20% IIIax.	
Frequency Aging	+/-0.10% max.	
Resonant Impedance (R1)	40ohm max.	
Built-in Load Capacitance	1005	
(CL1/CL2)	10pF	
Shape	SMD	
Wash	Not available	
L x W (size)	3.2x1.3mm	
Mass	11.73mg	

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