

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of CSTNE12M5G520000R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=CSTNE12M5G520000R0

CSTNE12M5G520000R0











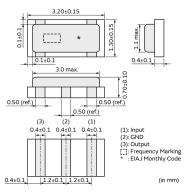
Applications

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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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

	O-maria Baranatan	
Product Type	Ceramic Resonator	
Troduct Type	(CERALOCK)	
Series	CSTNE_G	
Frequency	12.500MHz	
Frequency Tolerance	+/-0.50% max.	
Operating Temperature		
Range	-40°C~85°C	
Frequency Shift by	+/-0.20% max.	
Temperature	+7-0.20% IIIax.	
Frequency Aging	+/-0.10% max.	
Resonant Impedance (R1)	30ohm max.	
Built-in Load Capacitance	10pF	
(CL1/CL2)	TOPF	
Shape	SMD	
Wash	Not available	
L x W (size)	3.2x1.3mm	
Mass	11.73mg	

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