

### **Product Search Data Sheet**

Note: This datasheet may be out of date. Please download the latest datasheet of CSTNE12M0GH5L000R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=CSTNE12M0GH5L000R0

## CSTNE12M0GH5L000R0











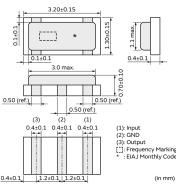
### **Applications**

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 frequency adjustment and packaging technology expertise has enabled the development of the chip CERALOCK.

### 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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# CSTNE12M0GH5L000R0



## **Specifications**

Product Type	Ceramic Resonator (CERALOCK)
Series	CSTNE_GH5L
Frequency	12.000MHz
Frequency Tolerance	+/-0.07% max.
Operating Temperature Range	-40°C~85°C
Frequency Shift by Temperature	+/-0.11% max.
Frequency Aging	+/-0.07% max.
Resonant Impedance (R1)	30ohm max.
Built-in Load Capacitance (CL1/CL2)	33pF
Shape	SMD
Wash	Not available
L x W (size)	3.2x1.3mm
Mass	11.73mg

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