

#### **Product Search Data Sheet**

Note: This datasheet may be out of date. Please download the latest datasheet of CSTNE16M0VH3C000R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CSTNE16M0VH3C000R0

## CSTNE16M0VH3C000R0











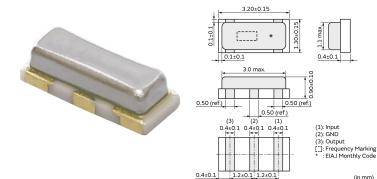


### **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Automotive powertrain/safety 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 frequency adjustment and packaging technology expertise has enabled the development of the chip CERALOCK. This diverse series owes its development to MURATA's original mass production techniques and high reliability, and has achieved importance in the worldwide automotive market.

#### Features

- 1. High accuracy resonators whose total tolerance is available for less than +-3,000ppm.
- 2. High reliability and available for a wide temperature range.
- 3. Oscillation circuits do not require external load capacitors.
- 4. Available for a wide frequency range.
- 5. Extremely small and have a low profile.
- 6. No adjustment is necessary for oscillation circuits.
- 7. 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**

	Ceramic Resonator	
Product Type		
71	(CERALOCK)	
Series	CSTNE_VH3C	
	_	
Frequency	16.000MHz	
Frequency Tolerance	+/-0.07% max.	
Operating Temperature		
Range	-40°C~125°C	
Frequency Shift by		
Temperature	+/-0.13% max.	
·	4.0.0=04	
Frequency Aging	+/-0.07% max.	
Resonant Impedance (R1)	40ohm max.	
. , ,	Tooliii Iliax.	
Built-in Load Capacitance	15pF	
(CL1/CL2)	1.05.	
Shape	SMD	
1		
Wash	available	
L x W (size)	3.2x1.3mm	
Mass	16.972mg	
IVIGOS	10.37 21119	

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