

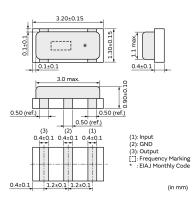
Product Search Data Sheet

CSTNE16M0V53C000R0



## Appearance & Shape





Note: This datasheet may be out of date. Please download the latest datasheet of CSTNE16M0V53C000R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CSTNE16M0V53C000R0



 $\mbox{MURATA}\mbox{'s package technology expertise has enabled the development of the Chip CERALOCK(R) with built-in load capacitors .$ 

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 reliability and available for a wide temperature range.
- 2. Oscillation circuits do not require external load capacitors.
- 3. Available for a wide frequency range.
- 4. Extremely small and have a low profile.
- 5. No adjustment is necessary for oscillation circuits.

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

## Applications

Automotive Usage	Powertrain/Safety
Other Usage	Automotive



	Specifications	Standard
Packaging		Packing
		Quantity
R0	180mm Embossed Tape	3000

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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 (CERALOCK)
Series	CSTNE_V_C
Frequency	16.000MHz
Frequency Tolerance	+/-0.50% max.
Operating Temperature Range	-40°C~125°C
Frequency Shift by Temperature	+/-0.15% max.
Frequency Aging	+/-0.10% max.
Resonant Impedance (R1)	40ohm max.
Built-in Load Capacitance (CL1/CL2)	15pF
Shape	SMD
Wash	available
L x W (size)	3.2x1.3mm
Mass	12.56mg

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