

Product Search Data Sheet

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of CSTNE16M0V53L00ZR0 from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=CSTNE16M0V53L00ZR0

CSTNE16M0V53L00ZR0









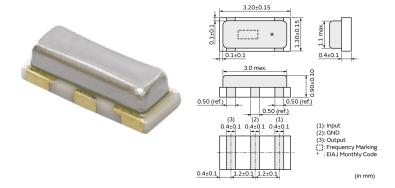


Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	' '	
	the above applications, and use	
	the above applications, and use Products after confirming the	
	Ü	
	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. Available for a wide temperature range.
- 6. Stable supply is ensured due to not using precious metal(Palladium).

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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_L
Frequency	16.000MHz
Frequency Tolerance	+/-0.50% max.
Operating Temperature Range	-40°C~125°C
Frequency Shift by Temperature	+/-0.20% max.
Frequency Aging	+/-0.20% max.
Resonant Impedance (R1)	40ohm max.
Built-in Load Capacitance (CL1/CL2)	15pF
Shape	SMD
Wash	Not available
L x W (size)	3.2x1.3mm
Mass	16.972mg

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