

Note: This datasheet may be out of date. Please download the latest datasheet of CSTNE20M0V51Z000R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CSTNE20M0V51Z000R0

# CSTNE20M0V51Z000R0









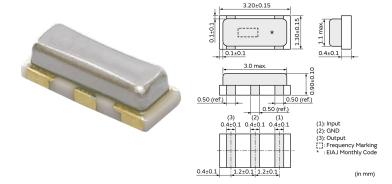


## **Applications**

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. Available for a wide temperature range.
- 6. Stable supply is ensured due to not using precious metal(Palladium).

1 of 2

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





### Product Search Data Sheet

Note: This datasheet may be out of date.  $Please\ download\ the\ latest\ data sheet\ of\ CSTNE20M0V51Z000R0\ from\ the\ official\ website\ of\ Murata$ Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CSTNE20M0V51Z000R0

# CSTNE20M0V51Z000R0



# **Specifications**

	Ceramic Resonator
Product Type	
	(CERALOCK)
Series	CSTNE_V
Frequency	20.000MHz
Frequency Tolerance	+/-0.50% max.
Operating Temperature	
Range	-40°C~125°C
Frequency Shift by	
Temperature	+/-0.30% max.
Frequency Aging	+/-0.20% max.
Trequency Aging	17-0.2070 IIIdX.
Resonant Impedance (R1)	40ohm max.
Built-in Load Capacitance	Enc
(CL1/CL2)	5pF
Shape	SMD
Wash	Not available
L x W (size)	3.2x1.3mm
Mass	16.972mg

2 of 2

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.

