

### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of CSTCW33M3X51-R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CSTCW33M3X51-R0

# CSTCW33M3X51-R0









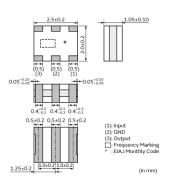
### **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Consumer 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 package technology expertise has enabled the development of the Chip CERALOCK. High-density mounting can be realized because of 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 in a wide frequency range.
- 3. Extremely small and have a low profile.
- 4. No adjustment is necessary for oscillation circuits.

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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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# CSTCW33M3X51-R0



# **Specifications**

Product Type	Ceramic Resonator	
Froduct Type	(CERALOCK)	
Series	CSTCW_X	
Frequency	33.000MHz	
Frequency Tolerance	+/-0.50% max.	
Operating Temperature Range	-20°C~80°C	
Frequency Shift by		
Temperature	+/-0.20% max.	
<u> </u>		
Frequency Aging	+/-0.10% max.	
Resonant Impedance (R1)	50ohm max.	
Built-in Load Capacitance	C F	
(CL1/CL2)	6pF	
Shape	SMD	
Wash	Not available	
L x W (size)	2.5x2.0mm	
Mass	32mg	

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