

### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of CSALS20M0X53-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=CSALS20M0X53-B0

# CSALS20M0X53-B0









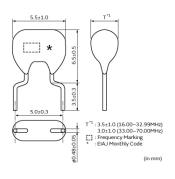
### **Applications**

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
В0	Bulk	500



### **Features**

MURATA's ceramic resonator, CERALOCK has been widely applied as the most suitable component for clock oscillators in a broad range of microprocessors.

#### Features

- 1. Stable over a wide temperature range.
- 2. Compact, lightweight and exhibit superior shock resistance performance.
- 3. Cost-effective and reliable availability.

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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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# CSALS20M0X53-B0



# **Specifications**

Product Type	Ceramic Resonator (CERALOCK)
Series	CSALS_X
Frequency	20.000MHz
Frequency Tolerance	+/-0.50% max.
Operating Temperature Range	-20°C~80°C
Frequency Shift by Temperature	+/-0.20% max.
Frequency Aging	+/-0.20% max.
Resonant Impedance (R1)	50ohm max.
Shape	Lead
Wash	Not available
L x W (size)	6.5x7.0mm
Mass	137mg

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