

Product Search Data Sheet

# CSTLS20M0X51-B0

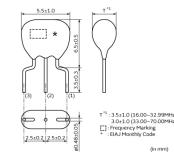
In Production Recommended RoHS REACH

### Applications

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Consumer equipment,Industrial
	equipment except for transportation &
	facility & energy equipment,Medical
	equipment [GHTF A/B],Mobile
	Electronics
Specific	Please refer to Our Website and
Specific Applications	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



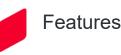


Note: This datasheet may be out of date. Please download the latest datasheet of CSTLS20M0X51-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=CSTLS20M0X51-B0

## Packaging Information

Packaging	Specifications	Standard Packing Quantity
В0	Bulk	500



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

The CSTLS series can be used in the design of oscillation circuits not requiring external load capacitors, enabling both high-density mounting and cost reduction.

#### Features

1. Oscillation circuits do not require external load capacitors. There

- is some variation in capacitance values applicable to various IC.
- 2. Stable over a wide temperature range.

3. Compact, lightweight and exhibit superior shock resistance performance.

- 4. Enable the design of oscillator circuits requiring no adjustment.
- 5. Cost-effective and reliable availability.

1 of 2

#### 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

(in mm)

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	CSTLS_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.
Built-in Load Capacitance (CL1/CL2)	5pF
Shape	Lead
Wash	Not available
L x W (size)	6.5x7.0mm
Mass	196.7mg

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