

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of CSTLS16M0X55-A0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CSTLS16M0X55-A0

CSTLS16M0X55-A0











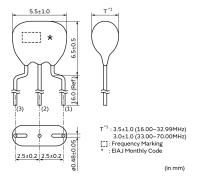
Applications

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
A0	Ammo Pack	2000



Features

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

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 datasheet of CSTLS16M0X55-A0 from the official website of Murata $\,$ Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CSTLS16M0X55-A0

CSTLS16M0X55-A0



Specifications

Product Type	Ceramic Resonator (CERALOCK)
Series	CSTLS_X
Frequency	16.000MHz
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)	30pF
Shape	Lead
Wash	Not available
L x W (size)	6.5x7.0mm
Mass	179mg

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.

