

Product Search Data Sheet

# CSTLS8M00G56Z-A0

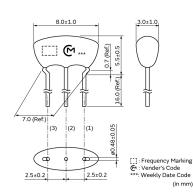
In Production Recommended RoHS REACH

### 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	
Onesifie	Please refer to Our Website and	
Specific	specifications, etc. for information about	
Applications	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Note: This datasheet may be out of date.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 CSTLS8M00G56Z-A0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CSTLS8M00G56Z-A0

## Packaging Information

Packaging	Specifications	Standard Packing Quantity
A0	Ammo Pack	2000



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

- 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_G
Frequency	8.000MHz
Frequency Tolerance	+/-0.50% max.
Operating Temperature Range	-40°C~125°C
Frequency Shift by Temperature	-0.60 to +0.20%
Frequency Aging	+/-0.20% max.
Resonant Impedance (R1)	25ohm max.
Built-in Load Capacitance (CL1/CL2)	47pF
Shape	Lead
Wash	Not available
L x W (size)	9.0x6.0mm
Mass	126mg

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