

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of CSTLS10M0G56-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=CSTLS10M0G56-B0

CSTLS10M0G56-B0











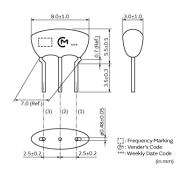
Applications

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
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.

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.

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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 10.000MHz Frequency Tolerance -20°C~80°C Frequency Shift by Temperature Frequency Aging Frequency Aging Frequency Aging Apple 47pF Shape Lead Wash Not available L x W (size) Mass CSTLS_G CSTLS_G 10.000MHz 10		
Series CSTLS_G Frequency 10.000MHz Frequency Tolerance +/-0.50% max. Operating Temperature -20°C~80°C Frequency Shift by Temperature Frequency Aging +/-0.20% max. Resonant Impedance (R1) 250hm max. Built-in Load Capacitance (CL1/CL2) 47pF Shape Lead Wash Not available L x W (size) 9.0x6.0mm	Draduct Type	Ceramic Resonator
Frequency Tolerance +/-0.50% max. Operating Temperature Range -20°C~80°C -0.40 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	Product Type	(CERALOCK)
Frequency Tolerance +/-0.50% max. Operating Temperature Range -20°C~80°C Frequency Shift by -0.40 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	Series	CSTLS_G
Operating Temperature Range Frequency Shift by Temperature Frequency Aging +/-0.20% max. Resonant Impedance (R1) Built-in Load Capacitance (CL1/CL2) Shape Lead Wash Not available L x W (size) -20°C~80°C -0.40 to +0.20% 47.0.20% -0.40 to +0.20% Lead Not available	Frequency	10.000MHz
Range Frequency Shift by Temperature Frequency Aging Resonant Impedance (R1) Built-in Load Capacitance (CL1/CL2) Shape Lead Wash Not available L x W (size) -0.40 to +0.20% Frequency Aging -0.40 to +0.20% Frequency Max. 25ohm max. 47pF Lead	Frequency Tolerance	+/-0.50% max.
Frequency Shift by Temperature Frequency Aging +/-0.20% max. Resonant Impedance (R1) Built-in Load Capacitance (CL1/CL2) Shape Lead Wash Not available L x W (size) -0.40 to +0.20% ATPF Lead -0.40 to +0.20% Frequency Aging Lead ATPF Shape Lead Vot available		-20°C~80°C
Temperature	<u> </u>	
Temperature 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	Frequency Shift by	0.40 to ±0.20%
Resonant Impedance (R1) Built-in Load Capacitance (CL1/CL2) Shape Lead Wash Not available L x W (size) 25ohm max. 47pF Lead	Temperature	-0.40 to +0.20%
Built-in Load Capacitance (CL1/CL2) 47pF Shape Lead Wash Not available L x W (size) 9.0x6.0mm	Frequency Aging	+/-0.20% max.
(CL1/CL2) 47pF Shape Lead Wash Not available L x W (size) 9.0x6.0mm	Resonant Impedance (R1)	25ohm max.
(CL1/CL2) Lead Wash Not available L x W (size) 9.0x6.0mm	Built-in Load Capacitance	47nF
Wash Not available L x W (size) 9.0x6.0mm	(CL1/CL2)	T/Pi
L x W (size) 9.0x6.0mm	Shape	Lead
	Wash	Not available
Mass 126.13mg	L x W (size)	9.0x6.0mm
	Mass	126.13mg

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