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INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of CSTLS3M58G56-B0 from the official website of Murata Manufacturing Co., Ltd.
https://www.murata.com/en-global/products/productdetail?partno=CSTLS3M58G56-B0

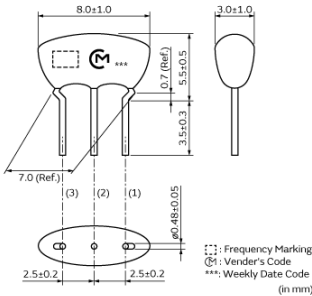# CSTLS3M58G56-B0

In Production   Recommended   RoHS   REACH

Appearance & Shape

Features

MURATA's ceramic resonator, CERALOCK(R) with built-in load capacitors, 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 built-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.

Applications

Other Usage	Consumer/Industrial

Packaging Information

Packaging	Specifications	Minimum Order Quantity
B0	Bulk	500

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URL : https://www.murata.com/

Last updated：2018/12/03

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Specifications

Product Type	Ceramic Resonator (CERALOCK®)
Series	CSTLS_G
Frequency	3.58MHz
Frequency Tolerance	+/-0.50% max.
Operating Temperature Range	-20℃ to 80℃
Frequency Shift by Temperature	-0.40 to +0.20%
Frequency Aging	+/-0.20% max.
Resonant Impedance (R1)	50ohm max.
Built-in Load Capacitance(CL1/CL2)	47pF
Shape	Lead
Wash	Not available

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