

Note: This datasheet may be out of date.

Please download the latest datasheet of CSTNE12M5G550000R0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=CSTNE12M5G550000R0

CSTNE12M5G550000R0





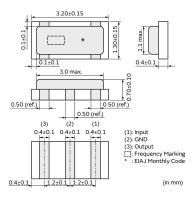






Appearance & Shape







Features

MURATA's package technology expertise has enabled the development of the Chip CERALOCK(R) with built-in load capacitors.

High-density mounting is made possible by the small package and the elimination of the need for an external load capacitor.

Features

- 1. Oscillation circuits do not require external load capacitors.
- 2. Available for a wide frequency range.
- 3. Extremely small and have a low profile.
- 4. No adjustment is necessary for oscillation circuits.
- 5. Stable supply is ensured due to not using precious metal(Palladium).



Applications

Other Usage Consumer/Industrial	Other L
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Packaging Information

Packaging	Specifications	Standard Packing Quantity
R0	180mm Embossed Tape	3000

1 of 2

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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

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Specifications

Product Type	Ceramic Resonator (CERALOCK)
Series	CSTNE_G
Frequency	12.500MHz
Frequency Tolerance	+/-0.50% max.
Operating Temperature Range	-40°C~85°C
Frequency Shift by Temperature	+/-0.20% max.
Frequency Aging	+/-0.10% max.
Resonant Impedance (R1)	30ohm max.
Built-in Load Capacitance (CL1/CL2)	33pF
Shape	SMD
Wash	Not available
L x W (size)	3.2x1.3mm
Mass	10.48mg

2 of 2

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