muRata
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of CSTNE12M5G550000R0 from the official website of Murata Manufacturing Co., Ltd.
https://www.murata.com/en-us/products/productdetail?partno=CSTNE12M5G550000R0
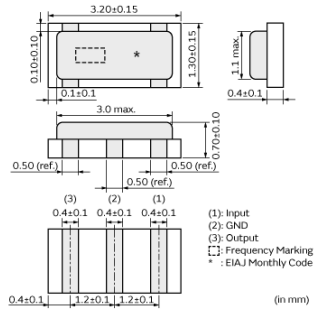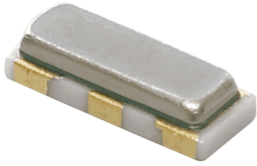
CSTNE12M5G550000R0

In Production Recommended RoHS REACH

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

Packaging Information

Packaging	Specifications	Minimum Order Quantity
R0	180mm Embossed Tape	3000

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.

CSTNE12M5G550000R0

Specifications

Shape	SMD
Frequency	12.500MHz
Frequency Tolerance	±0.50%
Operating Temperature Range	-40℃ to 85℃
Frequency Shift by Temperature	±0.20%
Frequency Aging	±0.10%
Wash	Not available
Resonant Impedance	30Ω
Built-in Load Capacitance	33pF

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