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Recommended ● In Production

CSTNE9M84G52A000R0

AEC-Q200 RoHS REACH

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use".
Specific Applications	Automotive powertrain/safety equipment 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.

Attention

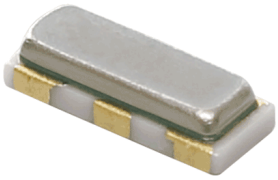
1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This datasheet has only typical specifications because there is no space for detailed specifications.

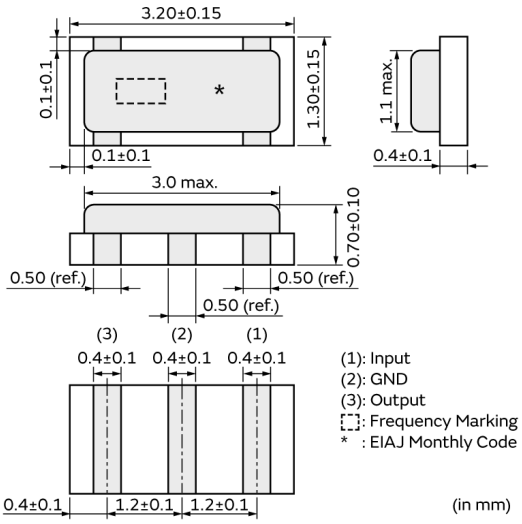
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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CSTNE9M84G52A000R0

Appearance & Shape





L x W (size)	3.2×1.3mm

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CSTNE9M84G52A000R0

Specifications

Series	CSTNE_G_A
Frequency	9.843MHz
Frequency Tolerance	±0.50%
Operating Temperature	-40 ~ 125℃
Frequency Shift by Temperature	±0.2%
Frequency Aging	±0.1%
ESR/R1	40Ω
Shape	SMD
Product Type	Ceramic Resonator (CERALOCK)
Wash	available

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Features

MURATA's package technology expertise has enabled the development of the Chip CERALOCK.
This diverse series owes its development to MURATA's original mass production techniques and high reliability, and has achieved importance in the worldwide automotive market.

Features

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

References

Packaging	Specifications	Standard Packing Quantity
R0	180mm Embossed Tape	3000

Mass(Typ.)	
1 piece	11.73mg

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