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# CSTNE18M0V510000R0

Recommended ● In Production

## CSTNE18M0V510000R0

RoHS REACH

## Applications

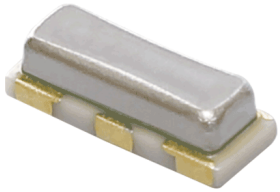
| | |
|---|---|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use". |
| Specific Applications | Consumer equipment,Industrial equipment except for transportation & facility & energy equipment,Medical equipment [GHTF A/B],Mobile Electronics<br><br>Please refer 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. |

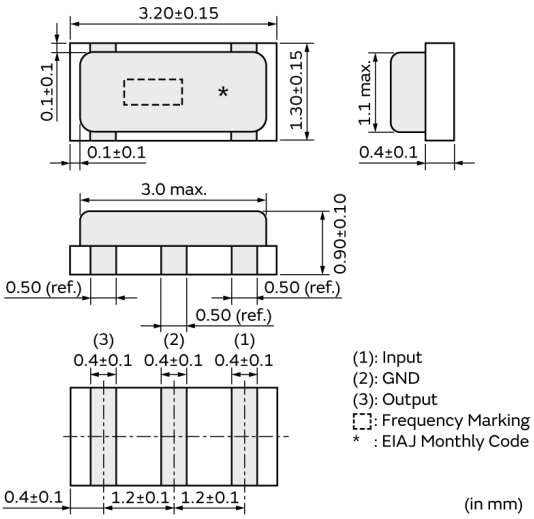
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2. This datasheet has only typical specifications because there is no space for detailed specifications.
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# CSTNE18M0V510000R0

## Appearance & Shape






| | |
|---|---|
| L x W (size) | 3.2×1.3mm |

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## Specifications

| | |
|---|---|
| Series | CSTNE_V |
| Frequency | 18.000MHz |
| Frequency Tolerance | ±0.50% |
| Operating Temperature | -40 ~ 85℃ |
| Frequency Shift by Temperature | ±0.3% |
| Frequency Aging | ±0.2% |
| ESR/R1 | 40Ω |
| Shape | SMD |
| Product Type | Ceramic Resonator (CERALOCK) |
| Wash | Not available |

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# CSTNE18M0V510000R0

## Features

MURATA's package technology expertise has enabled the development of the Chip CERALOCK.
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).

## References

| Packaging | Specifications | Standard Packing Quantity |
|---|---|---|
| R0 | 180mm Embossed Tape | 3000 |

| Mass(Typ.) | |
|---|---|
| 1 piece | 16.972mg |

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