

LQM21PN2R2MGS#

“#” indicates a package specification code.

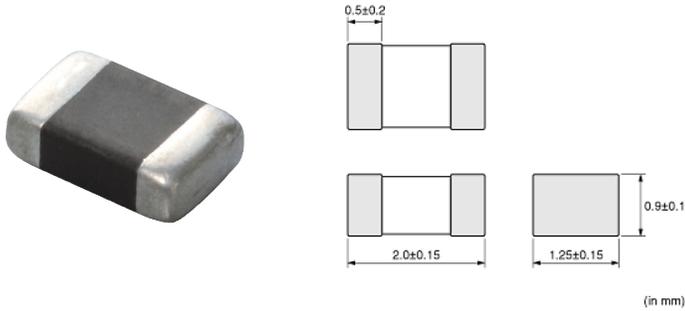
Size Code 2012 (0805) in mm (in inch), 1.0mm max. Thickness



< List of part numbers with package codes >

LQM21PN2R2MGSB LQM21PN2R2MGSD

Appearance & Shape



References

| Packaging | Specifications | Minimum Order Quantity |
|-----------|------------------|------------------------|
| B | Bulk(Bag) | 1000 |
| D | 180mm Paper Tape | 4000 |

| Mass (typ.) | |
|-------------|--------|
| 1 piece | 0.012g |

Attention

- This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.
- 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.

LQM21PN2R2MGS#

“#” indicates a package specification code.

Specifications

| | |
|---|---------------|
| L size | 2.0±0.15mm |
| W size | 1.25±0.15mm |
| T size | 0.9±0.1mm |
| Size code inch (mm) | 0805 (2012) |
| Inductance | 2.2μH±20% |
| Inductance Test Frequency | 1MHz |
| Rated current (Itemp) (Based on Temperature rise) | 950mA |
| Max. of DC resistance | 0.225Ω |
| Class of magnetic shield | Ferrite Core |
| Self resonance frequency (min.) | 40MHz |
| DC Resistance Intermediate Values | 0.180Ω±25% |
| Operating Temperature Range | -40°C to 85°C |
| Series | LQM21PN_GS |

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.

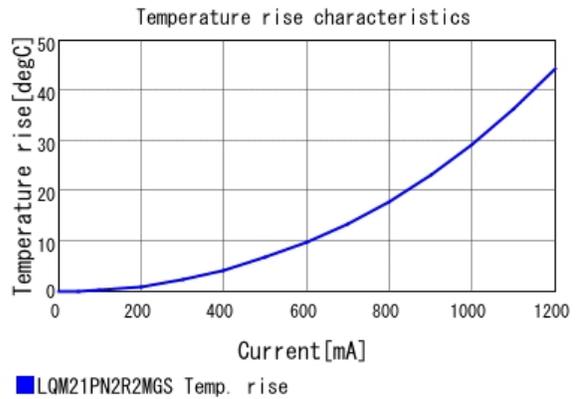
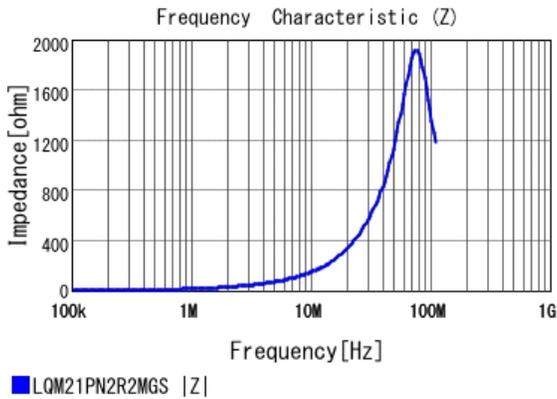
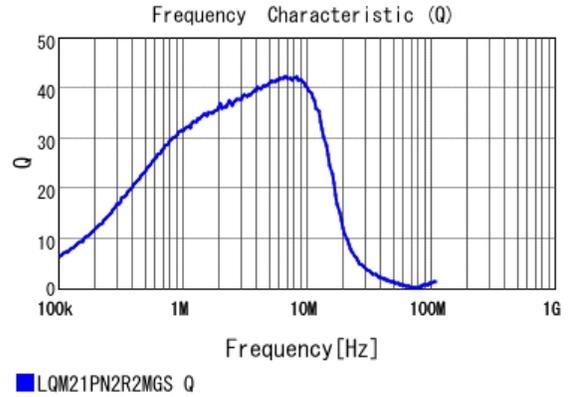
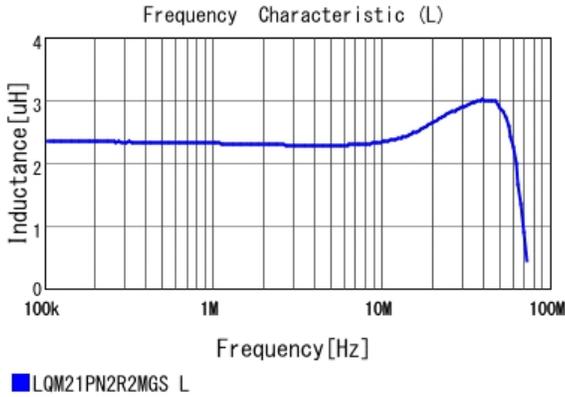
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

LQM21PN2R2MGS#

“#” indicates a package specification code.

Characteristic Data

The charts below may show another part number which shares its characteristics.



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.