

LQM21NNR15K10#

"#" indicates a package specification code.

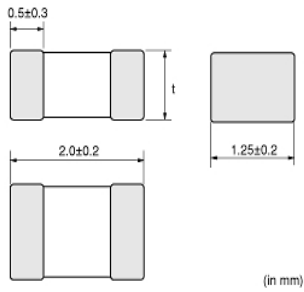
Size Code 2012 (0805) in mm (in inch)



< List of part numbers with package codes >

LQM21NNR15K10B LQM21NNR15K10D LQM21NNR15K10J

Appearance & Shape



| Dimension of t | Inductance: 0.1 to 2.2μH | 0.85±0.2 |
|----------------|--------------------------|----------|
| | Inductance: 2.7 to 4.7μH | 1.25±0.2 |

References

| Packaging | Specifications | Standard Packing Quantity |
|-----------|------------------|---------------------------|
| B | Bulk(Bag) | 1000 |
| D | 180mm Paper Tape | 4000 |
| J | 330mm Paper Tape | 10000 |

| Mass (typ.) | |
|-------------|-------|
| 1 piece | 0.01g |

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.

LQM21NNR15K10#

“#” indicates a package specification code.



Specifications

| | |
|--|---------------|
| L size | 2.0±0.2mm |
| W size | 1.25±0.2mm |
| T size | 0.85±0.2mm |
| Size code inch (mm) | 0805 (2012) |
| Inductance | 0.15μH±10% |
| Inductance Test Frequency | 25MHz |
| Rated current (Isat) (Based on Inductance change) | 250mA |
| Rated current (Itemp) (Based on Temperature rise) | 250mA |
| Max. of DC resistance | 0.32Ω |
| Class of magnetic shield | Ferrite Core |
| Q(min.) | 20 |
| Q Test Frequency | 25MHz |
| Self resonance frequency (min.) | 270MHz |
| Operating Temperature Range(Self-temperature rise is not included) | -40°C to 85°C |
| Series | LQM21NN_10 |

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.

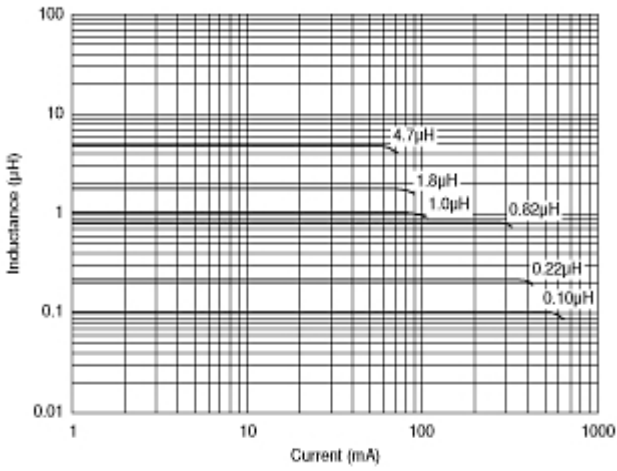
2.This datasheet has only typical specifications because there is no space for detailed specifications.

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

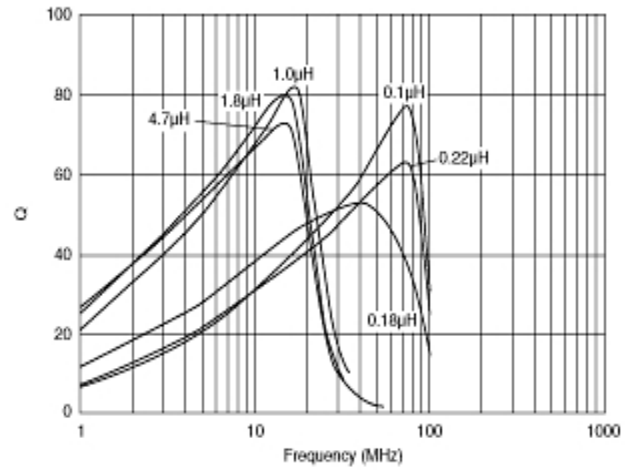
LQM21NNR15K10#

"#" indicates a package specification code.

Characteristic Data



Impedance - Current Characteristics



Q-Frequency 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.