Note: This datasheet may be out of date.
Please download the latest datasheet of LQM21DN4R7N00# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQM21DN4R7N00%23

# LQM21DN4R7N00#

"#"at the end indicates the package specification code.

Low DC Resistance Type

To be discontinued | RoHS | REACH | 85 °C max. | Multi-layer | Reflow OK | Flow OK

## < List of part numbers with package codes >

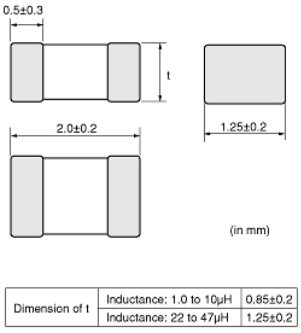
LQM21DN4R7N00B LQM21DN4R7N00D LQM21DN4R7N00J

## Applications

| | |
|---|---|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use." |
| Specific Applications | Consumer equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment<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. |
| Recommended Applications | Consumer equipment |

## Appearance & Shape






| Dimension of t | | |
|---|---|---|
| | Inductance: 1.0 to 10μH | 0.85±0.2 |
| | Inductance: 22 to 47μH | 1.25±0.2 |



**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.

Note: This datasheet may be out of date.
Please download the latest datasheet of LQM21DN4R7N00# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQM21DN4R7N00%23

# LQM21DN4R7N00#

“#”at the end indicates the package specification code.

## 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.

Note: This datasheet may be out of date.
Please download the latest datasheet of LQM21DN4R7N00# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQM21DN4R7N00%23

# LQM21DN4R7N00#

"#"at the end indicates the 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 | 4.7μH±30% |
| Inductance Test Frequency | 1MHz |
| Rated current (Itemp)<br>(Based on Temperature rise) | 30mA |
| Max. of DC resistance | 0.3Ω |
| Operating Temperature Range(Self-temperature rise is not included) | -40℃ to 85℃ |
| Class of magnetic shield | Shielded（Ferrite Core） |
| Self resonance frequency (min.) | 35MHz |
| Brand | Murata |
| Series | LQM21DN_00 |



**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.

Note: This datasheet may be out of date.
Please download the latest datasheet of LQM21DN4R7N00# from the official website of Murata Manufacturing Co., Ltd.

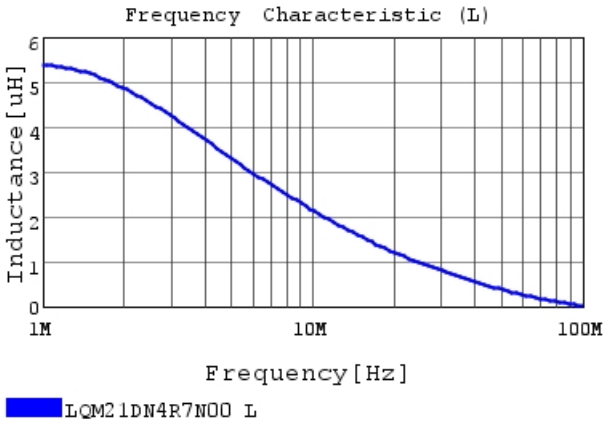
http://www.murata.com/en/products/productdetail?partno=LQM21DN4R7N00%23

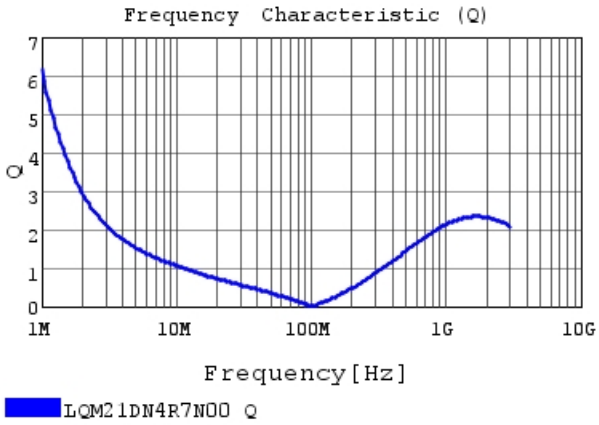
# LQM21DN4R7N00#

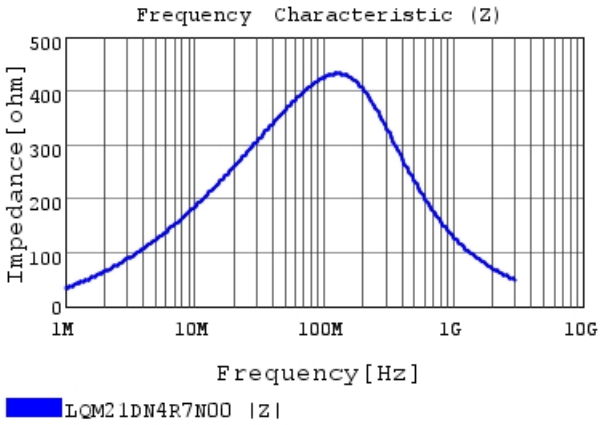
"#"at the end indicates the package specification code.

## 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.