

LQM21DN100N00D

“#” 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 >

LQM21DN100N00B LQM21DN100N00D LQM21DN100N00J

Applications

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

Appearance & Shape



0.5±0.3

t

2.0±0.2

1.25±0.2

(in mm)

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

Attention

- 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.
- 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.

LQM21DN100N00D

“#” 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.

LQM21DN100N00D

“#” 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	10μH±30%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	15mA
Max. of DC resistance	0.5Ω
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Shielded (Ferrite Core)
Self resonance frequency (min.)	24MHz
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.

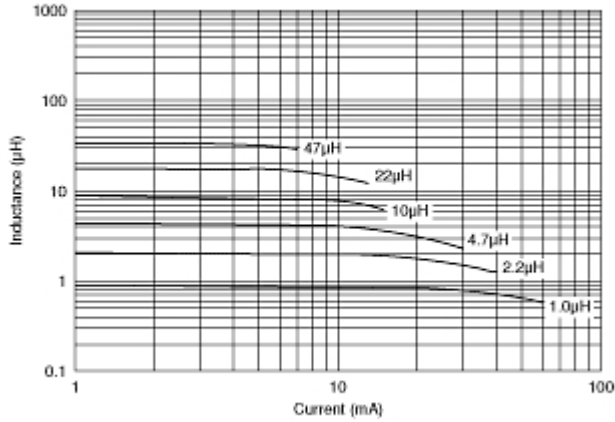
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

LQM21DN100N00D

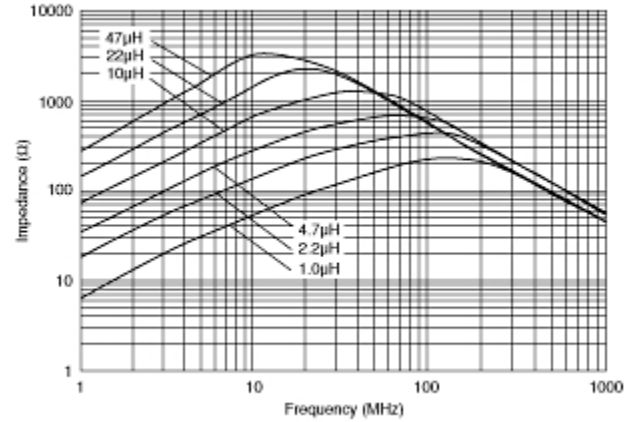
“#” at the end indicates the package specification code.



Characteristic Data



Impedance - Current Characteristics



Impedance - 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.