

Note: This datasheet may be out of date.

Please download the latest datasheet of LQH44NN100K03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LQH44NN100K03%23

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

Size Code 4040 (1515) in mm (in inch), General use











< List of part numbers with package codes > LQH44NN100K03K LQH44NN100K03L



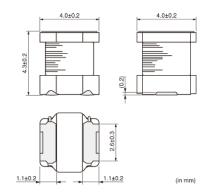
Applications

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



Appearance & Shape







Notices

When rated current is applied to the products, inductance will be within ±30% of initial inductance value. When rated current is applied to the products, the temperature rise caused by self-generated heat shall be limited to 40°C max.

1 of 4

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.





Note: This datasheet may be out of date.

Please download the latest datasheet of LQH44NN100K03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LQH44NN100K03%23

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



References

Packaging	Specifications	Standard Packing Quantity
К	330Embossed Tape	1500
L	180Embossed Tape	250

Mass (typ.)		
	1 piece	0.26g

2 of 4

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.





Note: This datasheet may be out of date.

Please download the latest datasheet of LQH44NN100K03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LQH44NN100K03%23

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



Specifications

L size	4.0±0.2mm
W size	4.0±0.2mm
T size	4.3±0.2mm
Size code inch (mm)	1515 (4040)
Inductance	10μH±10%
Inductance Test Frequency	1kHz
Rated current (Itemp) (Based on Temperature rise)	1.30A
Max. of DC resistance	0.0871Ω
DC resistance	0.067Ω±30%
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Non-Shielded
Self resonance frequency (min.)	23.5MHz
Brand	Murata
Series	LQH44NN_03

3 of 4

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.





Note: This datasheet may be out of date.

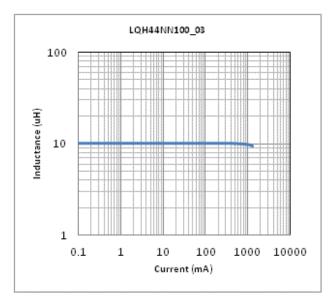
Please download the latest datasheet of LQH44NN100K03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LQH44NN100K03%2

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



Characteristic Data



Impedance - Current Characteristics

4 of 4

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.

