

Note: This datasheet may be out of date.

Please download the latest datasheet of LQH43MN122K03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LQH43MN122K03%23

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

Size Code 4532 (1812) in mm (in inch)











< List of part numbers with package codes > LQH43MN122K03K LQH43MN122K03L



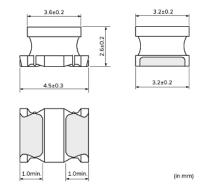
Applications

Please be sure to read and comply with
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
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.
Canadiana
Consumer equipment



Appearance & Shape







Notices

When rated current is applied to the products, selftemperature rise shall be limited to 20°C max and inductance will be within ±10% of initial inductance value.

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.



1 of 4



Note: This datasheet may be out of date.

Please download the latest datasheet of LQH43MN122K03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LQH43MN122K03%23

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



References

Packaging	Specifications	Standard Packing Quantity
K	330Embossed Tape	2500
L	180Embossed Tape	500

Mass (typ.)	
1 piece	0.13g

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.

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 LQH43MN122K03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LQH43MN122K03%23

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



Specifications

L size	4.5±0.3mm
W size	3.2±0.2mm
T size	2.6±0.2mm
Size code inch (mm)	1812 (4532)
Inductance	1200µH±10%
Inductance Test Frequency	1kHz
Rated current (Itemp) (Based on Temperature rise)	45mA
Max. of DC resistance	30Ω
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Non-Shielded
Q(min.)	40
Q Test Frequency	252kHz
Self resonance frequency (min.)	1.8MHz
Brand	Murata
Series	LQH43MN_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.

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





Note: This datasheet may be out of date.

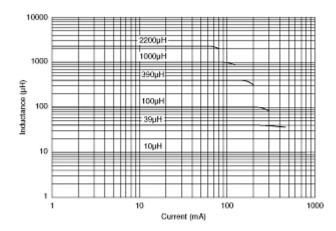
Please download the latest datasheet of LQH43MN122K03# from the official website of Murata Manufacturing Co., Ltd.

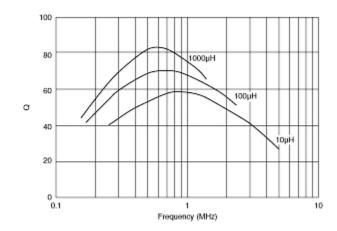
http://www.murata.com/en-sg/products/productdetail?partno=LQH43MN122K03%23

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



Characteristic Data





Impedance - Current Characteristics

Q-Frequency 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.

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

