

Note: This datasheet may be out of date. Please download the latest datasheet of LQH43CN101K03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQH43CN101K03%23

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

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

LQH43CN101K03#



< List of part numbers with package codes > LQH43CN101K03L

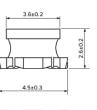
Applications

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	Concurrer equipment
Applications	Consumer equipment



Appearance & Shape





-	3.2±0.2	-
Ę		7
		וב
	3.2±0.2	

П 1.0min. 1.0r

íin	mm)



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 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Note: This datasheet may be out of date.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 LQH43CN101K03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQH43CN101K03%23

LQH43CN101K03#

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



References

Packaging	Specifications	Standard Packing Quantity
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.





LQH43CN101K03#

Note: This datasheet may be out of date. Please download the latest datasheet of LQH43CN101K03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQH43CN101K03%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	100µH±10%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	190mA
Max. of DC resistance	2.2Ω
Operating Temperature Range(Self-temperature rise is not included)	-40℃ to 85℃
Class of magnetic shield	Non-Shielded
Self resonance frequency (min.)	6.8MHz
Brand	Murata
Series	LQH43CN_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.





Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of LQH43CN101K03# from the official website of Murata Manufacturing Co., Ltd.

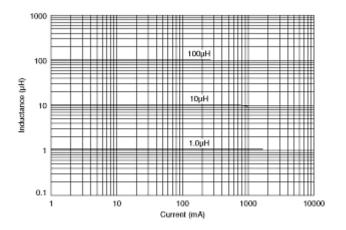
http://www.murata.com/en/products/productdetail?partno=LQH43CN101K03%23

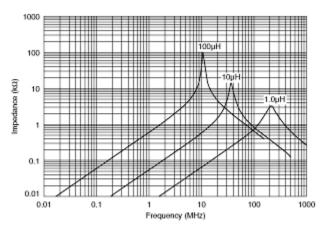
"#"at the end indicates the package specification code.



Characteristic Data

LQH43CN101K03#





Impedance - Current Characteristics

Impedance - Frequency Characteristics

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



4 of 4