

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of LQH43NZ180J03# from the official website of Murata

http://www.murata.com/en-gb/products/productdetail?partno=LQH43NZ180J03%23

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

It can be used in 105 °C environment.

LQH43NZ180J03#



< List of part numbers with package codes > LQH43NZ180J03K LQH43NZ180J03L

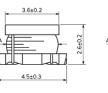
Applications

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
Specific Applications	Consumer equipment,Automotive infotainment/comfort 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.
Recommended	Automotive infotainment/comfort
Applications	equipment











A: 3.5 max

1.0 min

П 1.0 min. (in 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: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of LQH43NZ180J03# from the official website of Murata

http://www.murata.com/en-gb/products/productdetail?partno=LQH43NZ180J03%23

LQH43NZ180J03#

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



References

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

Mass (typ.)	
1 piece	0.13g

2 of 4



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: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of LQH43NZ180J03# from the official website of Murata

http://www.murata.com/en-gb/products/productdetail?partno=LQH43NZ180J03%23

LQH43NZ180J03#

"#"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	18µH±5%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	340mA
Max. of DC resistance	0.82Ω
Class of magnetic shield	Non-Shielded
Q(min.)	35
Q Test Frequency	1MHz
Self resonance frequency (min.)	17MHz
Brand	Murata
Operating Temperature Range	-40°C to 105°C
Series	LQH43NZ_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: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of LQH43NZ180J03# from the official website of Murata

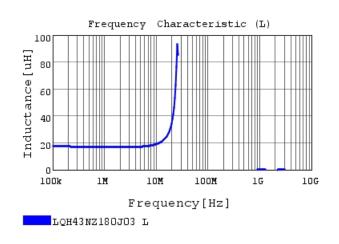
http://www.murata.com/en-gb/products/productdetail?partno=LQH43NZ180J03%23

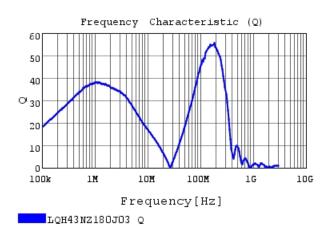
"#"at the end indicates the package specification code.

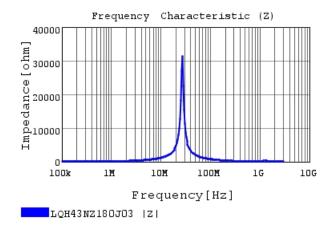
Characteristic Data

LQH43NZ180J03#

The charts below may show another part number which shares its 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

