

Note: This datasheet may be out of date. Please download the latest datasheet of LQH43NH180J03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LQH43NH180J03%23

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

It can be used in 125 °C environment.

LQH43NH180J03#



< List of part numbers with package codes > LQH43NH180J03K LQH43NH180J03L

### Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Consumer equipment, Automotive	
	infotainment/comfort equipment,	
	Automotive powertrain/safety equipment,	
	Medical equipment [GHTF A/B/C]	
	except for implant & surgery & auto	
	injector,Industrial 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		
Applications	Automotive powertrain/safety equipment	

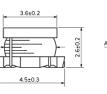


### Appearance & Shape

П

1.0 min.





1.0 min



3.2±0.2

(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 nominal value.

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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.





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### References

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

Mass (typ.)	
1 piece	0.13g

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### 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)	365mA
Max. of DC resistance	0.42Ω
DC resistance	0.35Ω±20%
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 125°C
Series	LQH43NH_03

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Product Search Data Sheet

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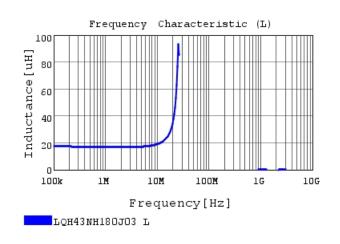
http://www.murata.com/en-sg/products/productdetail?partno=LQH43NH180J03%23

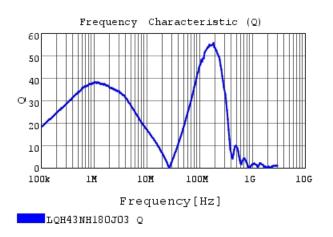
"#"at the end indicates the package specification code.

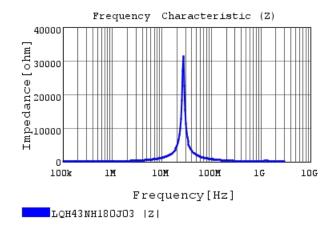
# Characteristic Data

LQH43NH180J03#

The charts below may show another part number which shares its characteristics.







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