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 $\label{eq:please} Please \ \text{download} \ the \ latest \ data sheet \ of \ LQH43CN101K03\# \ from \ the \ official \ website \ of \ Murata$ 

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



3.6±0.2	
	2.6±0.2
4.5±0.3	
4.5±0.3	

-	3.2±0.2	•
Ĺ		_,
)		(
	3.2±0.2	

(in mm)





### **Notices**

When rated current is applied to the products, selftemperature rise shall be limited to  $20^{\circ}$ C max and inductance will be within  $\pm 10\%$  of initial inductance value.

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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

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2. This datasheet has only typical specifications because there is no space for detailed specifications.

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### References

Packa	ging	Specifications	Standard Packing Quantity
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	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

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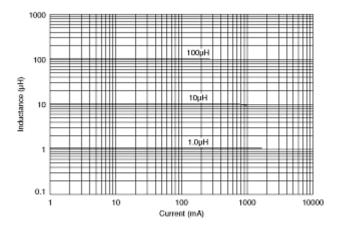
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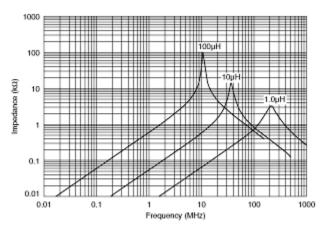
http://www.murata.com/en/products/productdetail?partno=LQH43CN101K03%23

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## Characteristic Data





Impedance - Current Characteristics

Impedance - Frequency Characteristics

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