

Note: This datasheet may be out of date.

Please download the latest datasheet of LQH43CN1R0M03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LQH43CN1R0M03%23

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

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















< List of part numbers with package codes > LQH43CN1R0M03L



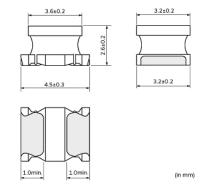
### **Applications**

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, self-temperature rise shall be limited to 20°C max and inductance will be within ±10% of initial inductance value.

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#### 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.





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### References

Packaging	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	1µH±20%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	1080mA
Max. of DC resistance	0.08Ω
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Non-Shielded
Self resonance frequency (min.)	100MHz
Brand	Murata
Series	LQH43CN_03

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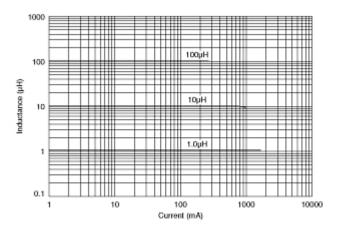
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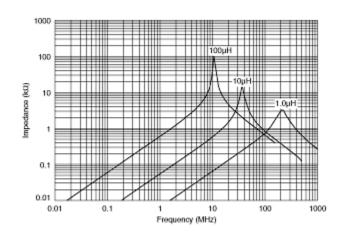
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### Characteristic Data





Impedance - Current Characteristics

Impedance - Frequency Characteristics

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