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

http://www.murata.com/en/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



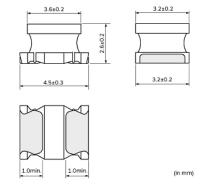
## **Applications**

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	Canadiana
Applications	Consumer equipment



## Appearance & Shape







## **Notices**

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

1 of 4

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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

2 of 4

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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

3 of 4

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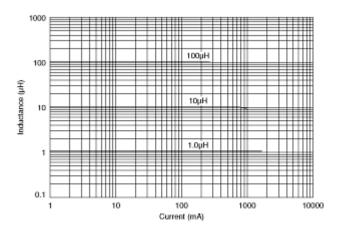
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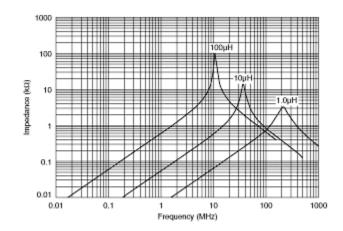
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## Characteristic Data





Impedance - Current Characteristics

Impedance - Frequency Characteristics

4 of 4

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