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Please download the latest datasheet of LQH44NN4R7M03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LQH44NN4R7M03%23

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

Size Code 4040 (1515) in mm (in inch), General use













< List of part numbers with package codes > LQH44NN4R7M03K LQH44NN4R7M03L



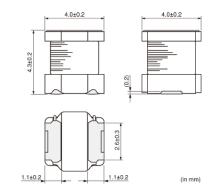
### **Applications**

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	Consumer equipment
Applications	Consumer equipment



## Appearance & Shape







### **Notices**

When rated current is applied to the products, inductance will be within ±30% of initial inductance value. When rated current is applied to the products, the temperature rise caused by self-generated heat shall be limited to 40°C max.

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





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### References

		Standard
Packaging	Specifications	Packing
		Quantity
К	330Embossed Tape	1500
L	180Embossed Tape	250

Mass (typ.)		
	1 piece	0.26g

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## **Specifications**

L size	4.0±0.2mm
W size	4.0±0.2mm
T size	4.3±0.2mm
Size code inch (mm)	1515 (4040)
Inductance	4.7μH±20%
Inductance Test Frequency	1kHz
Rated current (Itemp) (Based on Temperature rise)	1.95A
Max. of DC resistance	0.052Ω
DC resistance	0.040Ω±30%
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Non-Shielded
Self resonance frequency (min.)	23.4MHz
Brand	Murata
Series	LQH44NN_03

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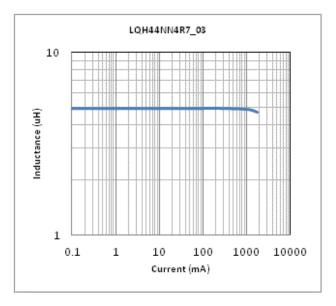
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### Characteristic Data



Impedance - Current Characteristics

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