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Please download the latest datasheet of LQH44NN331K03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQH44NN331K03%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 > LQH44NN331K03K LQH44NN331K03L



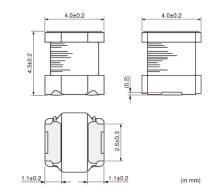
### **Applications**

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, 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.

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
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	330μH±10%
Inductance Test Frequency	1kHz
Rated current (Itemp) (Based on Temperature rise)	0.18A
Max. of DC resistance	2.288Ω
DC resistance	1.76Ω±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.)	3MHz
Brand	Murata
Series	LQH44NN_03

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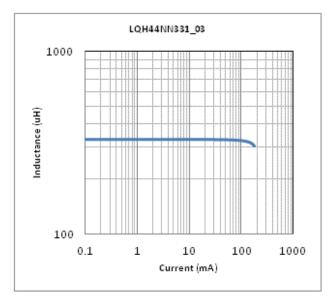
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## Characteristic Data



Impedance - Current Characteristics

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