

## LQW2BHN8N2D03#

Note: This datasheet may be out of date.

Please download the latest datasheet of LQW2BHN8N2D03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LQW2BHN8N2D03%23

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

Size Code 2015 (0805) in mm (in inch), Wound Type













< List of part numbers with package codes > LQW2BHN8N2D03K LQW2BHN8N2D03L



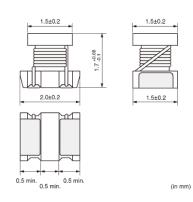
### **Applications**

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.	
Consumer equipment	



### Appearance & Shape







#### References

Packaging	Specifications	Standard Packing Quantity
K	330Embossed Tape	7500
L	180Embossed Tape	2000

Mass (typ.)		
1 piece	0.009g	

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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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## **Specifications**

L size	2.0±0.2mm
W size	1.5±0.2mm
T size	1.7+0.08/-0.1mm
Size code inch (mm)	0805 (2015)
Inductance	8.2nH±0.5nH
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	630mA
Max. of DC resistance	0.12Ω
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Non-Shielded
Q(min.)	20
Q Test Frequency	250MHz
Self resonance frequency (min.)	3900MHz
Brand	Murata
Series	LQW2BHN_03

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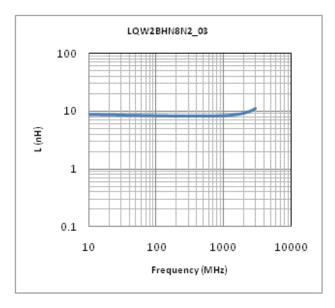
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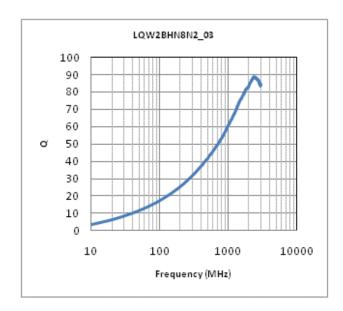
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### Characteristic Data



Inductance - Frequency Characteristics



Q-Frequency Characteristics

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