

# LQW2BHN82NJ03#

“#” 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 >

LQW2BHN82NJ03K LQW2BHN82NJ03L

## Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	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.
Recommended Applications	Consumer equipment

## Appearance & Shape



## References

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

Mass (typ.)	
1 piece	0.009g

### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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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## 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	82nH±5%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	320mA
Max. of DC resistance	0.42Ω
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Non-Shielded
Q(min.)	40
Q Test Frequency	150MHz
Self resonance frequency (min.)	1100MHz
Brand	Murata
Series	LQW2BHN_03

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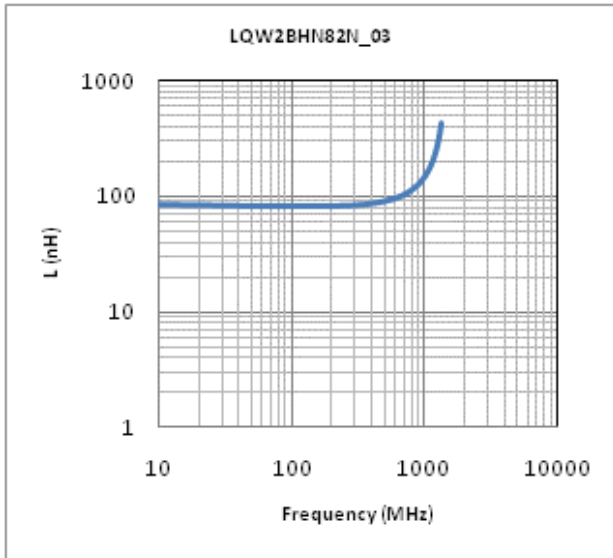
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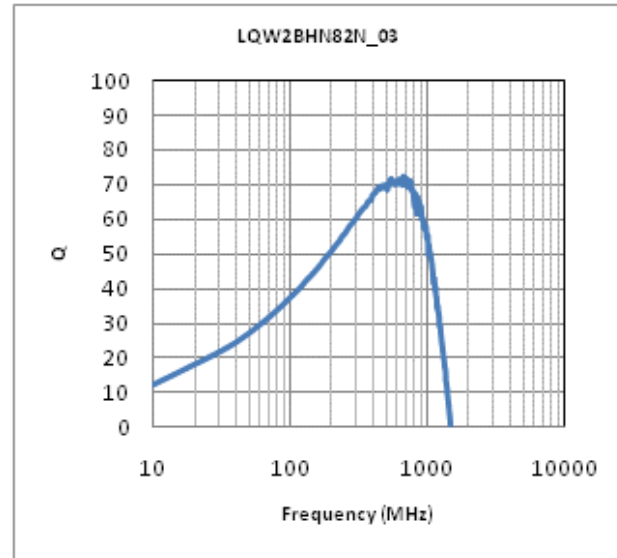
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## Characteristic Data



Inductance - Frequency Characteristics



Q-Frequency Characteristics

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