

Note: This datasheet may be out of date. Please download the latest datasheet of LQW2BHN27NJ03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LQW2BHN27NJ03%23

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

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

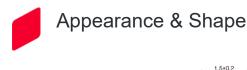
LQW2BHN27NJ03#

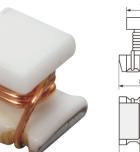


< List of part numbers with package codes > LQW2BHN27NJ03K LQW2BHN27NJ03L

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		









0.5 min. 0.5 min.

(in mm)



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

Mass (typ.)		
1 piece	0.009g	

1 of 3

Attention

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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.

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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	27nH±5%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	540mA
Max. of DC resistance	0.17Ω
Operating Temperature Range(Self-temperature rise is not included)	-40℃ to 85℃
Class of magnetic shield	Non-Shielded
Q(min.)	40
Q Test Frequency	250MHz
Self resonance frequency (min.)	2300MHz
Brand	Murata
Series	LQW2BHN_03

2 of 3

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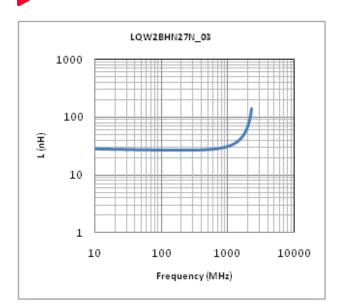
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Characteristic Data

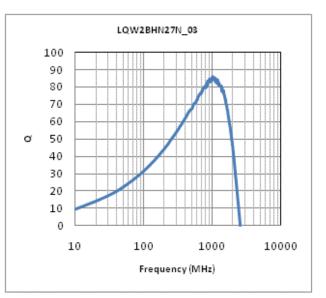
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Inductance - Frequency Characteristics



Q-Frequency Characteristics

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3 of 3