

LQW2BHNR10G03#

Note: This datasheet may be out of date.

Please download the latest datasheet of LQW2BHNR10G03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LQW2BHNR10G03%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 > LQW2BHNR10G03K LQW2BHNR10G03L



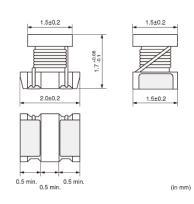
Applications

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Unsuitable	Please be sure to read and comply with	
Applications	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	Canadianant	
Applications	Consumer equipment	



Appearance & Shape







References

Packaging	Specifications	Standard Packing Quantity
К	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.

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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	100nH±2%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	270mA
Max. of DC resistance	0.55Ω
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Non-Shielded
Q(min.)	35
Q Test Frequency	150MHz
Self resonance frequency (min.)	900MHz
Brand	Murata
Series	LQW2BHN_03

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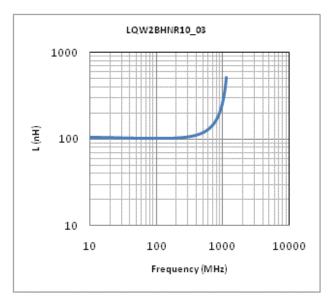
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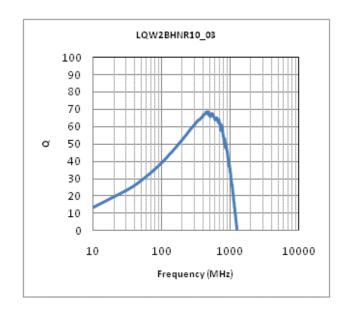
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Characteristic Data



Inductance - Frequency Characteristics



Q-Frequency Characteristics

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