

Note: This datasheet may be out of date.

Please download the latest datasheet of LQG15WH3N5B02# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LQG15WH3N5B02%23

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

Size Code 1005 (0402) in mm (in inch), Multilayer Type, High Q, Automotive available (Powertrain/Safety)



















< List of part numbers with package codes >

LQG15WH3N5B02B

LQG15WH3N5B02D

LQG15WH3N5B02J



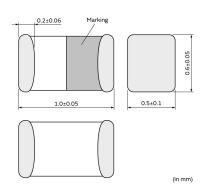
Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Consumer equipment, Automotive	
	infotainment/comfort equipment,	
	Automotive powertrain/safety equipment,	
	Medical equipment [GHTF A/B/C]	
	except for implant & surgery & auto	
	injector,Industrial 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	Automativo novvertrain/aafaty aguinment	
Applications	Automotive powertrain/safety equipment	



Appearance & Shape





1 of 4

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2. This datasheet has only typical specifications because there is no space for detailed specifications.





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References

Packaging	Specifications	Standard Packing Quantity
В	Bulk(Bag)	100
D	180mm Paper Tape	10000
J	330mm Paper Tape	40000

Mass (typ.)	
1 piece	0.001g

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Specifications

L size	1.0±0.05mm
W size	0.6±0.05mm
T size	0.5±0.1mm
Size code inch (mm)	0402 (1005)
Inductance	3.5nH±0.1nH
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	900mA
Max. of DC resistance	0.09Ω
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Class of magnetic shield	Non-Shielded
Q(min.)	23
Q Test Frequency	250MHz
Self resonance frequency (min.)	5800MHz
Brand	Murata
Series	LQG15WH_02

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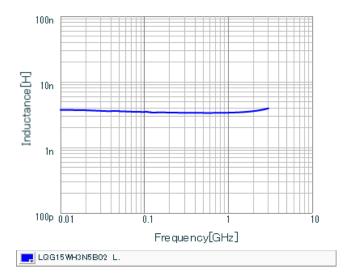
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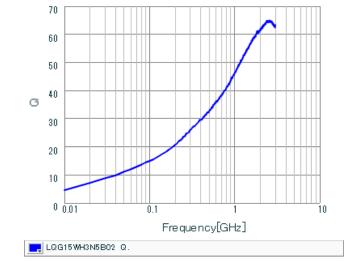
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Characteristic Data





Inductance - Frequency Characteristics

Q-Frequency Characteristics

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