

LQG15WH40NH02#

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of LQG15WH40NH02# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=LQG15WH40NH02%2

"#"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 >

LQG15WH40NH02B

LQG15WH40NH02D

LQG15WH40NH02J



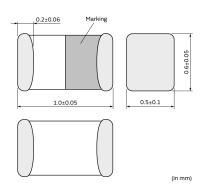
Applications

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	Automative newertrain/acfety equipment	
Applications	Automotive powertrain/safety equipment	



Appearance & Shape





1 of 4

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's 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.





LQG15WH40NH02#

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of LQG15WH40NH02# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=LQG15WH40NH02%2

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



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	

2 of 4

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's 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.





LQG15WH40NH02#

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of LQG15WH40NH02# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=LQG15WH40NH02%2

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



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	40nH±3%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	190mA
Max. of DC resistance	1.5Ω
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Class of magnetic shield	Non-Shielded
Q(min.)	20
Q Test Frequency	250MHz
Self resonance frequency (min.)	1400MHz
Brand	Murata
Series	LQG15WH_02

3 of 4

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's 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.

 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.



information provided may not be the most current.

Please download the latest datasheet of LQG15WH40NH02# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=LQG15WH40NH02%2

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

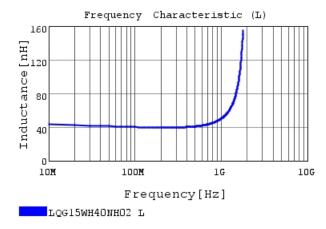
Note: If you have not downloaded this document from our official website, please note that the

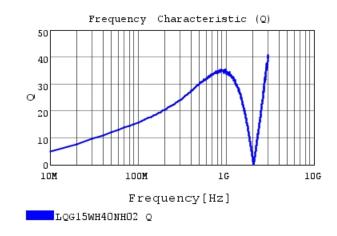


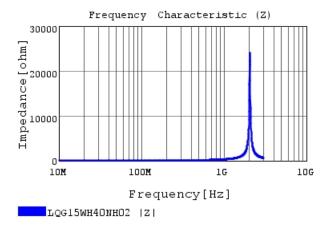
Characteristic Data

LQG15WH40NH02#

The charts below may show another part number which shares its characteristics.







4 of 4

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's 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

