

Note: This datasheet may be out of date.

Please download the latest datasheet of LQG15HZ12NG02# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LQG15HZ12NG02%23

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

Designed under Industrial Globa Standard

















< List of part numbers with package codes >

LQG15HZ12NG02B

LQG15HZ12NG02D

LQG15HZ12NG02J



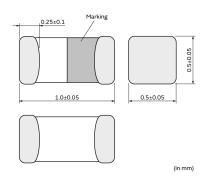
Applications

Unsuitable	Disease has some to used and somethy with	
Unsultable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Applications Specific Applications	Consumer equipment, Automotive infotainment/comfort 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	Automotive infotainment/comfort	
Applications	equipment	



Appearance & Shape





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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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References

Packaging	Specifications	Standard Packing Quantity
В	Bulk(Bag)	1000
D	180mm Paper Tape	10000
J	330mm Paper Tape	50000

Mass (typ.)		
1 piece	0.001g	

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Specifications

L size	1.0±0.05mm
W size	0.5±0.05mm
T size	0.5±0.05mm
Size code inch (mm)	0402 (1005)
Inductance	12nH±2%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	500mA
Max. of DC resistance	0.28Ω
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Class of magnetic shield	Non-Shielded
Q(min.)	8
Q Test Frequency	100MHz
Self resonance frequency (min.)	3000MHz
Brand	Murata
Series	LQG15HZ_02

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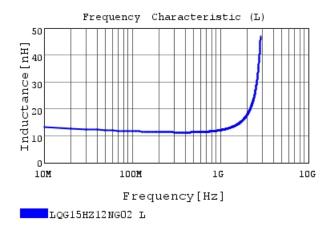
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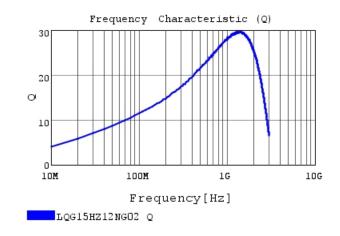
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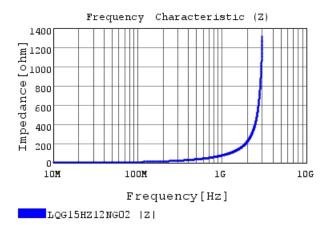


Characteristic Data

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







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