Note: This datasheet may be out of date.
Please download the latest datasheet of LQG15HH12NH02# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQG15HH12NH02%23

LQG15HH12NH02#

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

for Automotive

In Production | AEC-Q200 | RoHS | REACH | 125 °C max. | Multi-layer | Reflow OK

< List of part numbers with package codes >

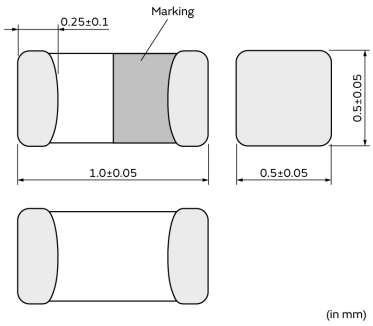
LQG15HH12NH02B LQG15HH12NH02D LQG15HH12NH02J

Applications

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

Appearance & Shape





Attention
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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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LQG15HH12NH02#

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

References

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

Mass (typ.)	
1 piece	0.001g

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LQG15HH12NH02#

“#”at the end indicates the package specification code.

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±3%
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℃ to 125℃
Class of magnetic shield	Non-Shielded
Q(min.)	8
Q Test Frequency	100MHz
Self resonance frequency (min.)	3000MHz
Brand	Murata
Series	LQG15HH_02

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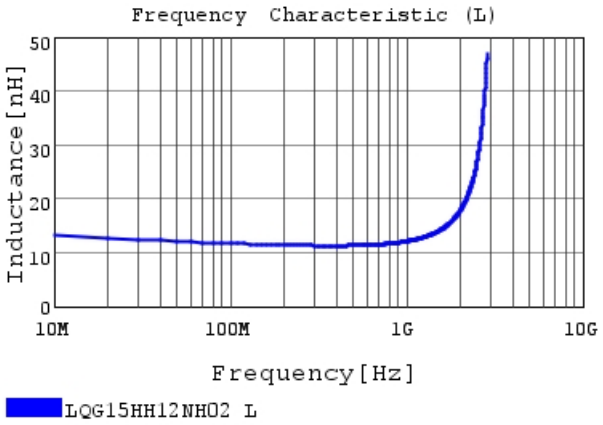
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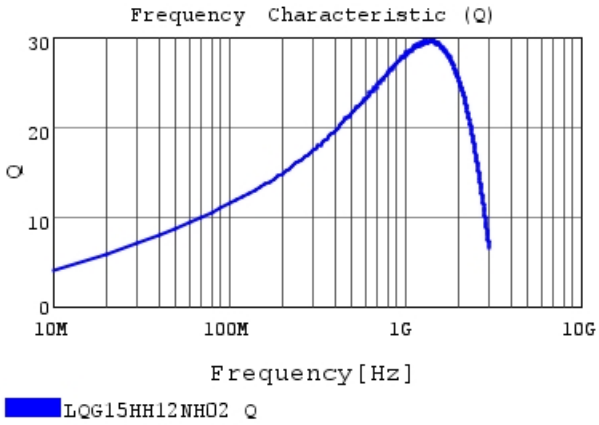
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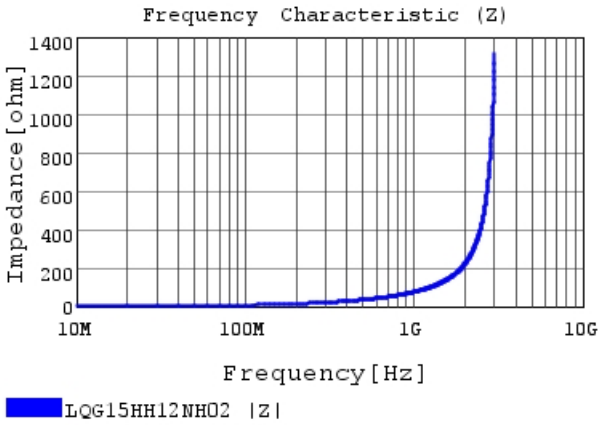
"#"at the end indicates the package specification code.

Characteristic Data

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







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