

LQG15HZ5N1B02#

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

Designed under Industrial Globa Standard

In Production

AEC-Q200

RoHS

REACH

125 °C max.

Multi-layer

Tight Tolerance

Reflow OK

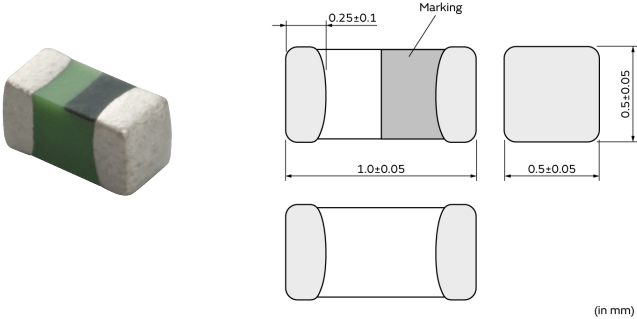
< List of part numbers with package codes >

LQG15HZ5N1B02B LQG15HZ5N1B02D LQG15HZ5N1B02J

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTE 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 Applications	Automotive infotainment/comfort equipment

Appearance & Shape



Attention

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- 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
B	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	5.1nH±0.1nH
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	650mA
Max. of DC resistance	0.18Ω
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.)	5300MHz
Brand	Murata
Series	LQG15HZ_02

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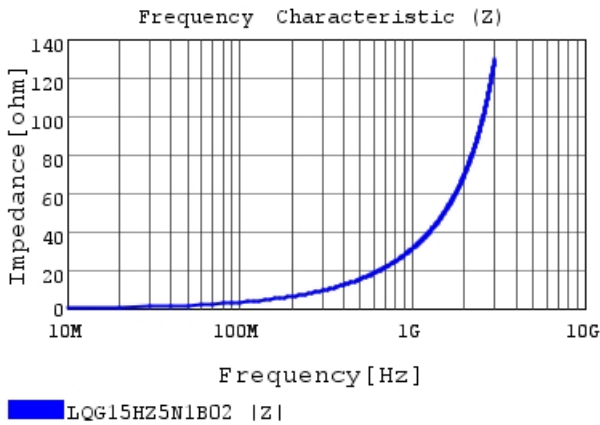
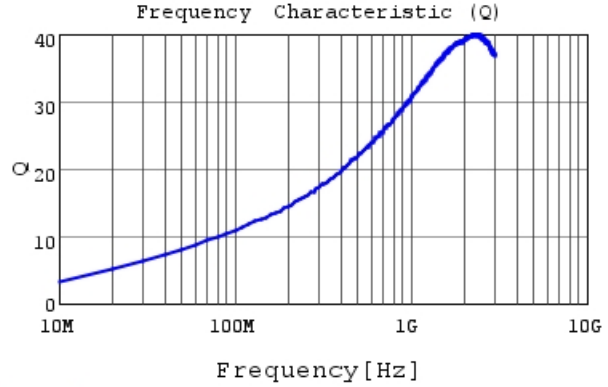
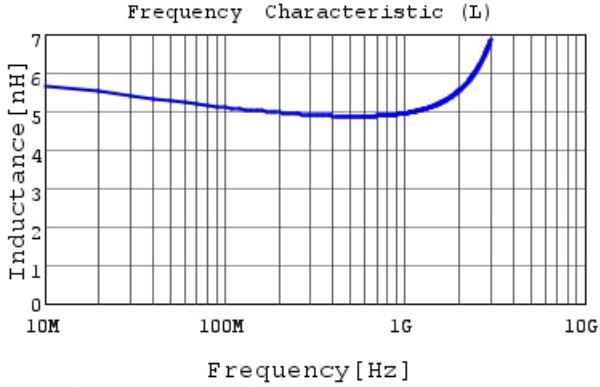
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Characteristic Data

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



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