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http://www.murata.com/en/products/productdetail?partno=LQG15WZ10NH02%23

LQG15WZ10NH02#

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

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

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

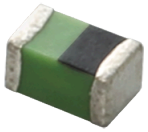
< List of part numbers with package codes >

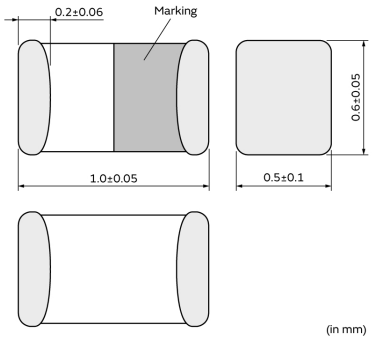
LQG15WZ10NH02B LQG15WZ10NH02D LQG15WZ10NH02J

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 [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 Applications	Automotive infotainment/comfort equipment

Appearance & Shape





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LQG15WZ10NH02#

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References

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

Mass (typ.)	
1 piece	0.001g

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LQG15WZ10NH02#

"#"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	10nH±3%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	500mA
Max. of DC resistance	0.19Ω
Operating Temperature Range(Self-temperature rise is not included)	-55℃ to 125℃
Class of magnetic shield	Non-Shielded
Q(min.)	23
Q Test Frequency	250MHz
Self resonance frequency (min.)	3300MHz
Brand	Murata
Series	LQG15WZ_02

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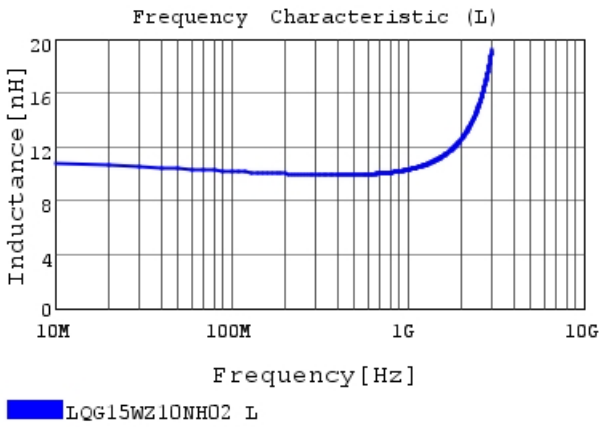
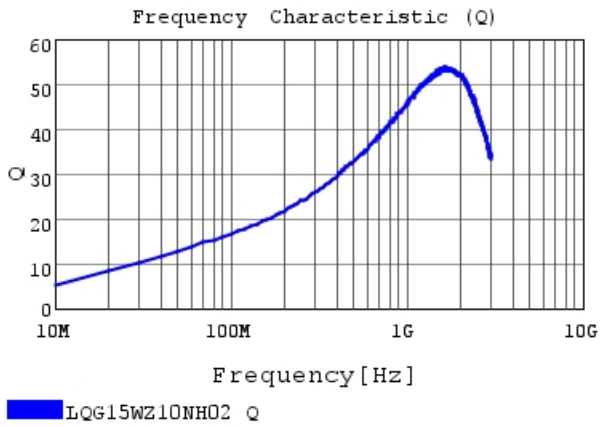
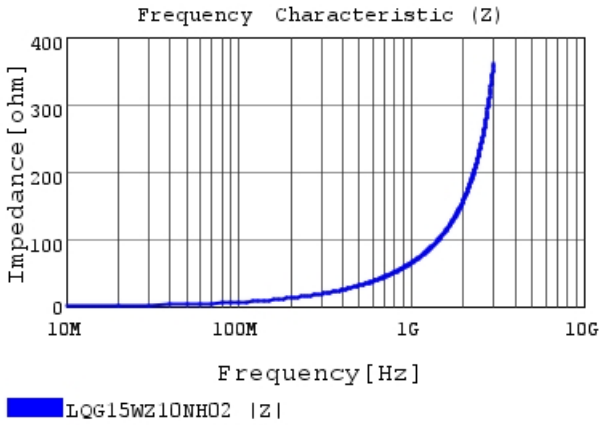
Characteristic Data

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







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