

Note: This datasheet may be out of date. Please download the latest datasheet of LQG15WZ72NH02# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LQG15WZ72NH02%23

LQG15WZ72NH02J

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

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

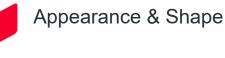


< List of part numbers with package codes > LQG15WZ72NH02B LQG15WZ72NH02D LQG15WZ72NH02J

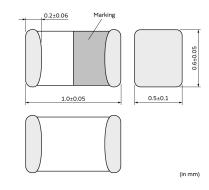


Applications

Unsuitable	Please be sure to read and comply with
Applications	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	Automotive infotainment/comfort
Applications	equipment







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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.





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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

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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	72nH±3%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	160mA
Max. of DC resistance	2.2Ω
Operating Temperature Range(Self-temperature rise is not included)	-55℃ to 125℃
Class of magnetic shield	Non-Shielded
Q(min.)	22
Q Test Frequency	250MHz
Self resonance frequency (min.)	1100MHz
Brand	Murata
Series	LQG15WZ_02

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