

LQW15DN150M00#

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

For RF Choke, Voltage Conversion



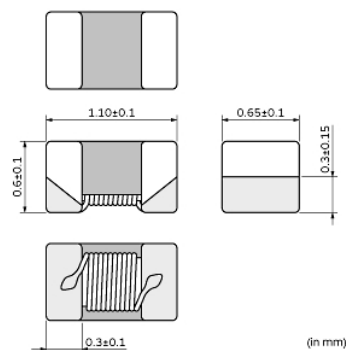
< List of part numbers with package codes >

LQW15DN150M00B LQW15DN150M00D

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	<p>Consumer equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment</p> <p>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.</p>
Recommended Applications	Consumer equipment

Appearance & Shape



Notices

When rated current is applied to the products, inductance will be within $\pm 30\%$ of nominal inductance value. When rated current is applied to the products, the temperature rise caused by self-generated heat shall be limited to 40°C max.

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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
B	Bulk(Bag)	500
D	180mm Paper Tape	8000

Mass (typ.)	
1 piece	0.002g

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Specifications

L size	1.1±0.1mm
W size	0.65±0.1mm
T size	0.6±0.1mm
Size code inch (mm)	0402 (1005)
Inductance	15μH±20%
Inductance Test Frequency	10MHz
Rated current (Isat) (Based on Inductance change)	100mA
Rated current (Itemp) (Based on Temperature rise)	100mA
Max. of DC resistance	6.555Ω
DC resistance	5.7Ω±15%
Class of magnetic shield	Shielded (Magnetic Resin)
Self resonance frequency (min.)	20MHz
Brand	Murata
Operating Temperature Range	-40°C to 85°C
Series	LQW15DN_00

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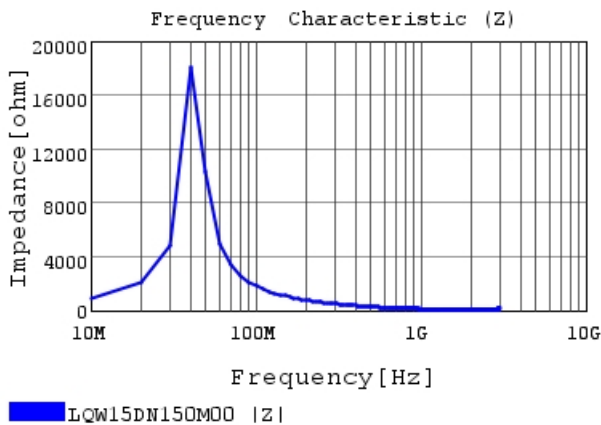
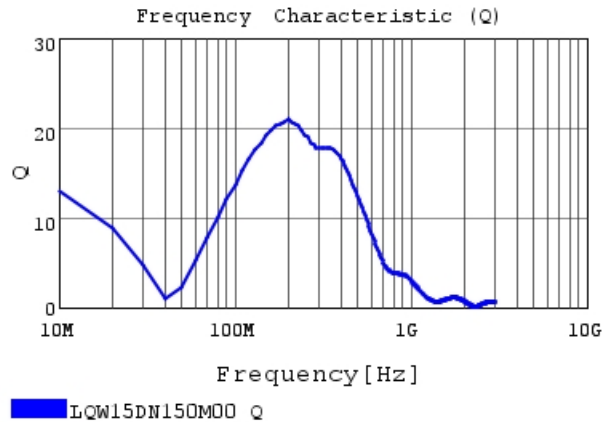
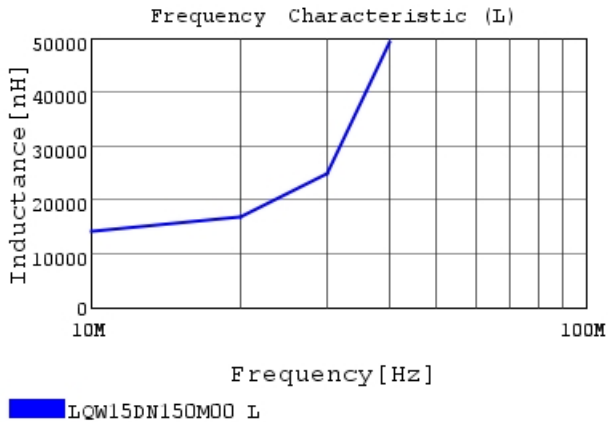
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Characteristic Data

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



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