

LQW03AW12NJ00#

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

Suitable for mounting of a narrow space in antenna matching circuits



< List of part numbers with package codes >

LQW03AW12NJ00D

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer 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	Consumer equipment

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
D	180mm Paper Tape	10000

Mass (typ.)	
1 piece	0.23mg

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.

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Specifications

L size	0.53±0.05mm
W size	0.4±0.05mm
T size	0.4±0.05mm
Size code inch (mm)	0201 (0603)
Inductance	12.5nH±5%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	280mA
Max. of DC resistance	0.54Ω
Operating Temperature Range (Self-temperature rise is included)	-55°C to 125°C
Class of magnetic shield	Non-Shielded
Q(min.)	39(Typ.)
Q Test Frequency	900MHz
Self resonance frequency (min.)	6GHz
Brand	Murata
Series	LQW03AW_00

Attention

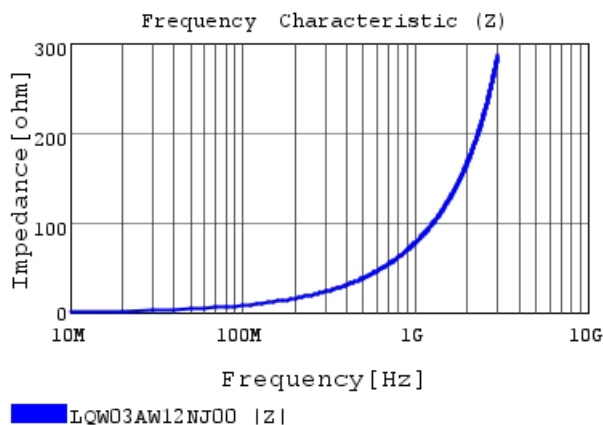
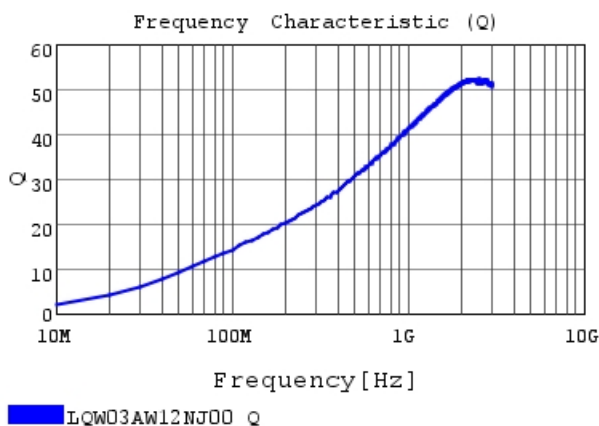
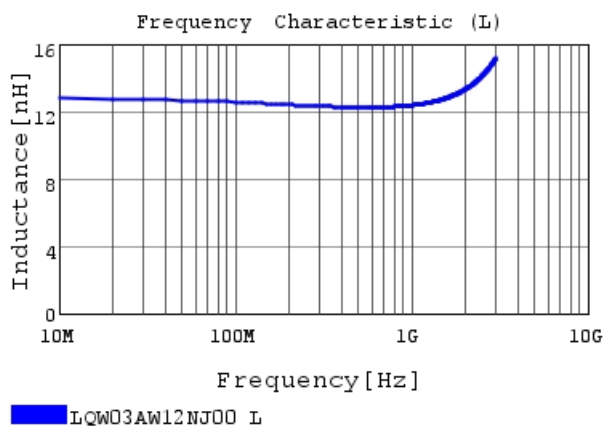
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Characteristic Data

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



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