Note: This datasheet may be out of date.

Please download the latest datasheet of LQW15AN3N4D1Z# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LQW15AN3N4D1Z%23

LQW15AN3N4D1Z#

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

Size Code 1005 (0402) in mm (in inch), High Q, Low DC Resistance Type

In Production | AEC-Q200 | RoHS | REACH | 125°C max. | Wound (Non mag) | Low Rdc | High Q | Reflow OK

< List of part numbers with package codes >

LQW15AN3N4D1ZB   LQW15AN3N4D1ZD

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

(in mm)

References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
D	180mm Paper Tape	10000

Mass (typ.)	
1 piece	0.0008g

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LQW15AN3N4D1Z#

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

Specifications

L size	1.0±0.1mm
W size	0.6±0.1mm
T size	0.5±0.1mm
Size code inch (mm)	0402 (1005)
Inductance	3.4nH±0.5nH
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	900mA
Max. of DC resistance	0.04Ω
Operating Temperature Range(Self-temperature rise is not included)	-55℃ to 125℃
Class of magnetic shield	Non-Shielded
Q(min.)	30
Q Test Frequency	250MHz
Self resonance frequency (min.)	12GHz
Brand	Murata
Series	LQW15AN_1Z

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Last updated05/15/2024

LQW15AN3N4D1Z#

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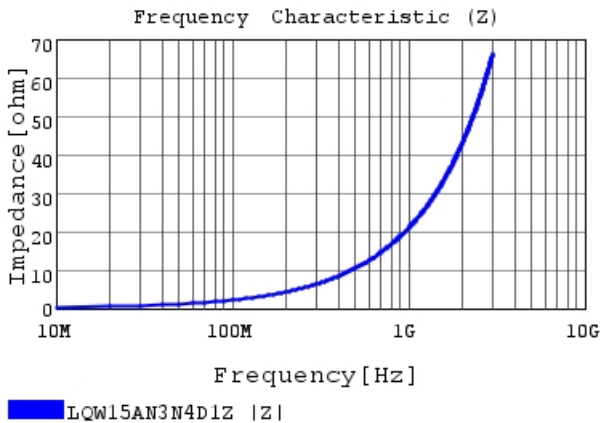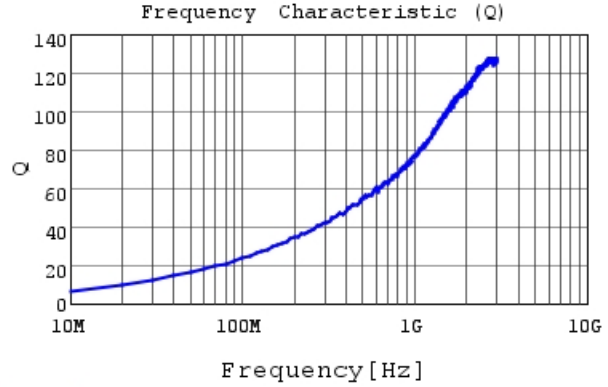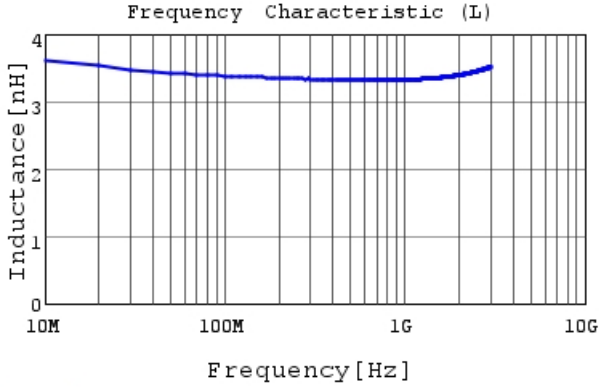http://www.murata.com/en-us/products/productdetail?partno=LQW15AN3N4D1Z%23

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

Characteristic Data

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

Frequency Characteristic (L)

LQW15AN3N4D1Z L

Frequency Characteristic (Q)

LQW15AN3N4D1Z Q

Frequency Characteristic (Z)

LQW15AN3N4D1Z |Z|

URL : https://www.murata.com/