

LQW15AN2N3D1Z#

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of LQW15AN2N3D1Z# from the official website of Murata

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

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



















< List of part numbers with package codes > LQW15AN2N3D1ZB LQW15AN2N3D1ZD

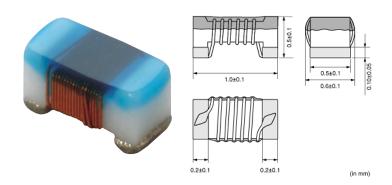


Applications

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



Appearance & Shape





References

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

Mass (typ.)		
1 piece	0.0008g	

1 of 3

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.





LQW15AN2N3D1Z#

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of LQW15AN2N3D1Z# from the official website of Murata

"#"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	2.3nH±0.5nH
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	1000mA
Max. of DC resistance	0.027Ω
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Class of magnetic shield	Non-Shielded
Q(min.)	25
Q Test Frequency	250MHz
Self resonance frequency (min.)	14GHz
Brand	Murata
Series	LQW15AN_1Z

2 of 3

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.



Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current. Please download the latest datasheet of LQW15AN2N3D1Z# from the official website of Murata

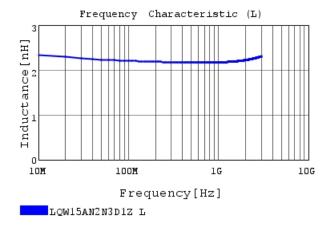
"#"at the end indicates the package specification code.

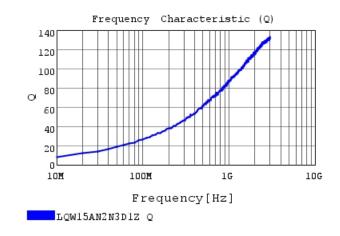


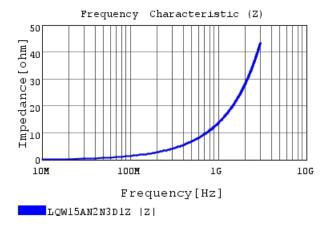
Characteristic Data

LQW15AN2N3D1Z#

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







3 of 3

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

