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Please download the latest datasheet of LQW15AN5N8B00# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQW15AN5N8B00%23

LQW15AN5N8B00#

"#" indicates a package specification code.

Size Code 1005 (0402) in mm (in inch), Wound Type

In Production | RoHS | REACH | 125 °C max. | Wound (Non mag) | Tight Tolerance | Reflow OK

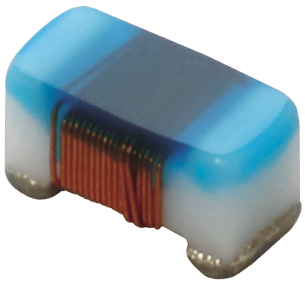
< List of part numbers with package codes >

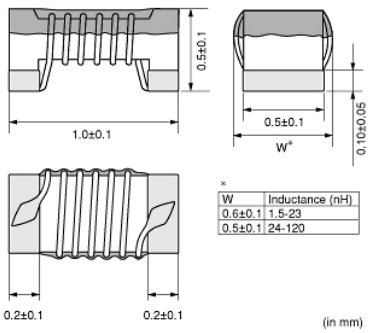
LQW15AN5N8B00B LQW15AN5N8B00D

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





*

W	Inductance (nH)
0.6±0.1	1.5-23
0.5±0.1	24-120

References

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

Mass (typ.)	
1 piece	0.0008g

Attention
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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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LQW15AN5N8B00#

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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	5.8nH±0.1nH
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	700mA
Max. of DC resistance	0.09Ω
Class of magnetic shield	Non-Shielded
Q(min.)	25
Q Test Frequency	250MHz
Self resonance frequency (min.)	8GHz
Operating Temperature Range(Self-temperature rise is not included)	-55℃ to 125℃
Brand	Murata
Series	LQW15AN_00

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LQW15AN5N8B00#

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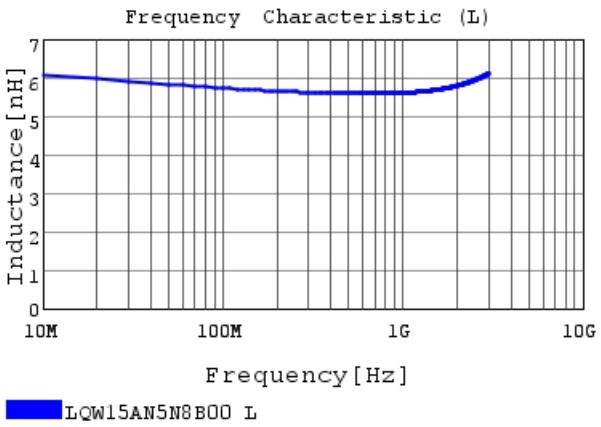
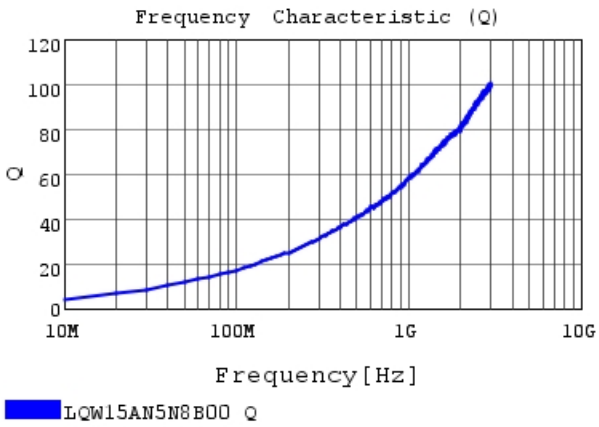
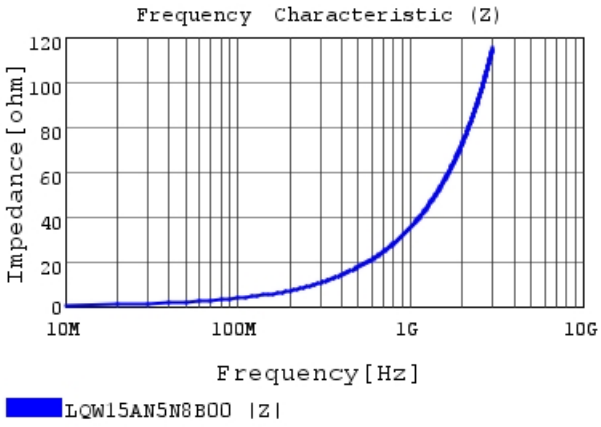
Characteristic Data

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







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