Note: This datasheet may be out of date.
Please download the latest datasheet of LQW2UAS68NG00# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQW2UAS68NG00%23

LQW2UAS68NG00#

"#"at the end indicates the package specification code.
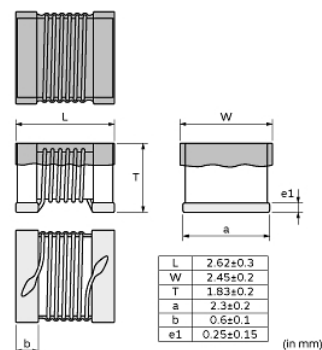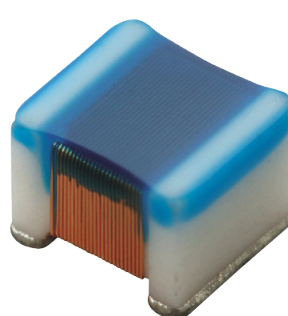
Size Code 2520 (1008) in mm (in inch), Wound Type

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

< List of part numbers with package codes >

LQW2UAS68NG00B   LQW2UAS68NG00L

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

L	2.62±0.3
W	2.45±0.2
T	1.83±0.2
a	2.3±0.2
b	0.6±0.1
e1	0.25±0.15

(in mm)

References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
L	180Embossed Tape	2000

Mass (typ.)	
1 piece	0.039g

1 of 3

Attention

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.

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LQW2UAS68NG00#

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

■ Specifications

L size	2.62±0.3mm
W size	2.45±0.2mm
T size	1.83±0.2mm
Size code inch (mm)	1008 (2520)
Inductance	68nH±2%
Inductance Test Frequency	50MHz
Rated current (Itemp) (Based on Temperature rise)	1000mA
Max. of DC resistance	0.2Ω
Operating Temperature Range(Self-temperature rise is not included)	-55℃ to 125℃
Class of magnetic shield	Non-Shielded
Q(min.)	65
Q Test Frequency	350MHz
Self resonance frequency (min.)	1300MHz
Brand	Murata
Series	LQW2UAS_00

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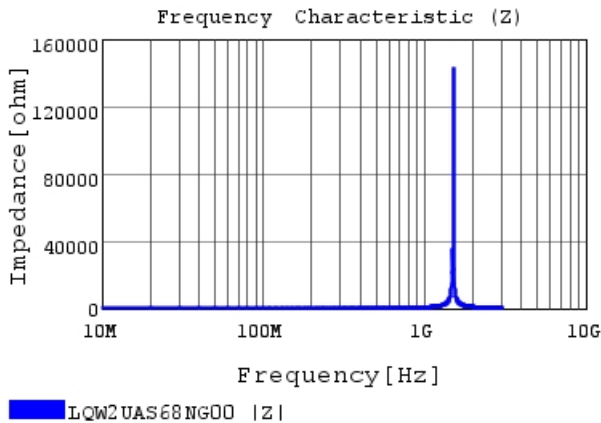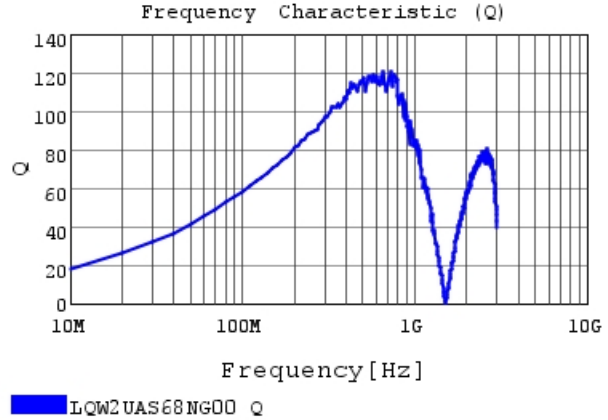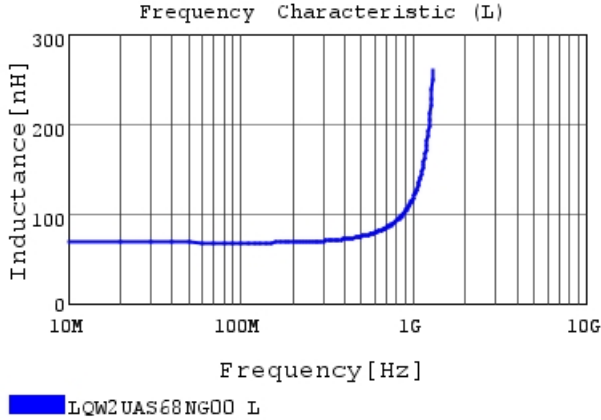
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Last updated05/05/2024

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LQW2UAS68NG00#

"#"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)

LQW2UAS68NG00 L

Frequency Characteristic (Q)

LQW2UAS68NG00 Q

Frequency Characteristic (Z)

LQW2UAS68NG00 |Z|

Attention

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