Note: This datasheet may be out of date.
Please download the latest datasheet of LQW2UASR47J00# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQW2UASR47J00%23

LQW2UASR47J00#

"#"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) | Reflow OK

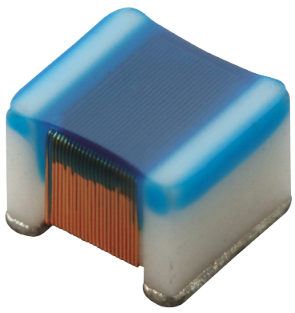
< List of part numbers with package codes >

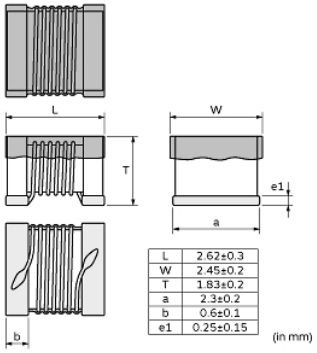
LQW2UASR47J00B LQW2UASR47J00L

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

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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LQW2UASR47J00#

“#”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	470nH±5%
Inductance Test Frequency	25MHz
Rated current (Itemp) (Based on Temperature rise)	470mA
Max. of DC resistance	1.19Ω
Operating Temperature Range(Self-temperature rise is not included)	-55℃ to 125℃
Class of magnetic shield	Non-Shielded
Q(min.)	45
Q Test Frequency	100MHz
Self resonance frequency (min.)	450MHz
Brand	Murata
Series	LQW2UAS_00

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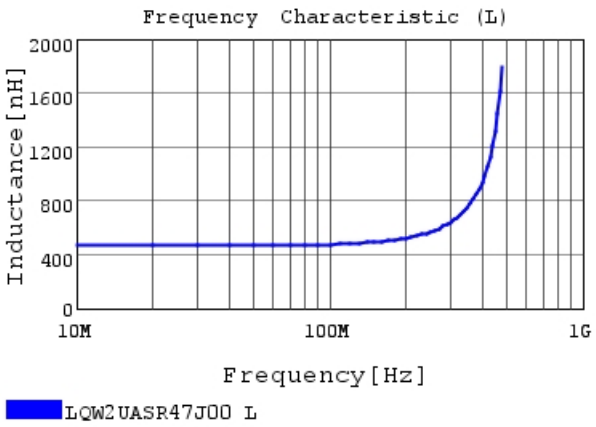
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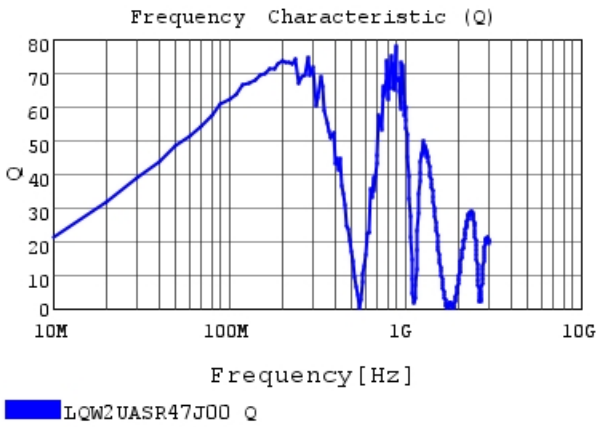
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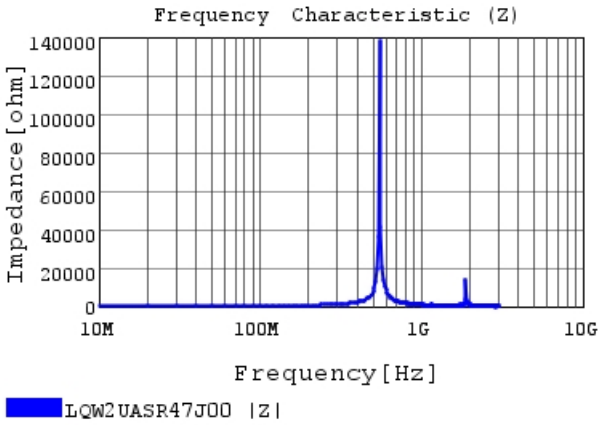
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Characteristic Data

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







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