Note: This datasheet may be out of date.
Please download the latest datasheet of LQW2UASR56F0C# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQW2UASR56F0C%23

LQW2UASR56F0C#

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

Air-core inductor with non-magnetic electrode material which does not disturb magnetic field in magnetic field utilized application such as MRI.

In Production | RoHS | REACH | 85 °C max. | Wound (Non mag) | Tight Tolerance | Reflow OK

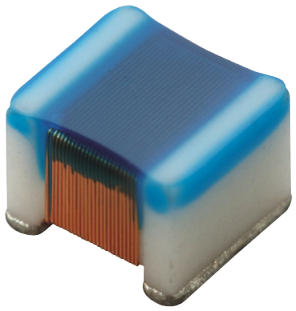
< List of part numbers with package codes >

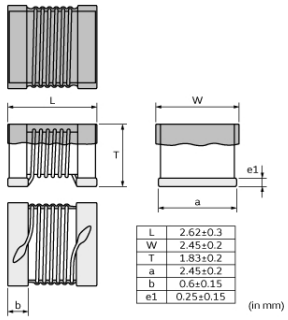
LQW2UASR56F0CB LQW2UASR56F0CL

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





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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LQW2UASR56F0C#

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References

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

Mass (typ.)	
1 piece	0.039g

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LQW2UASR56F0C#

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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	560nH±1%
Inductance Test Frequency	25MHz
Rated current (Itemp) (Based on Temperature rise)	400mA
Max. of DC resistance	1.33Ω
Operating Temperature Range(Self-temperature rise is not included)	-40℃ to 85℃
Class of magnetic shield	Non-Shielded
Q(min.)	45
Q Test Frequency	100MHz
Self resonance frequency (min.)	415MHz
Brand	Murata
Series	LQW2UAS_0C

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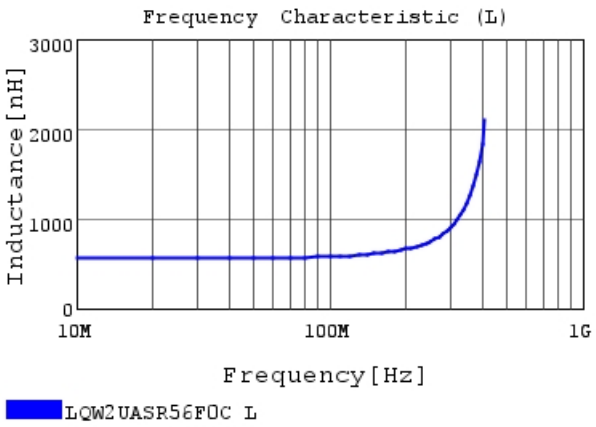
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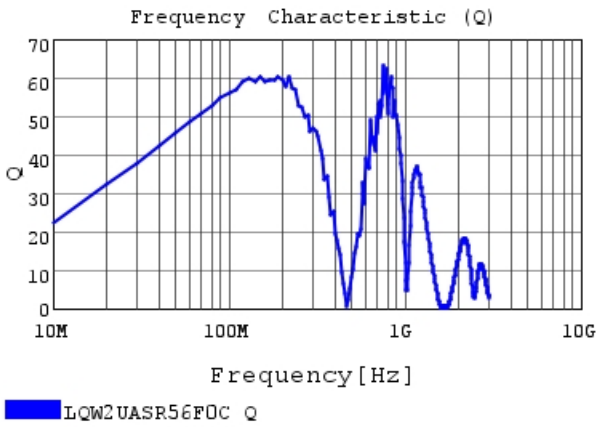
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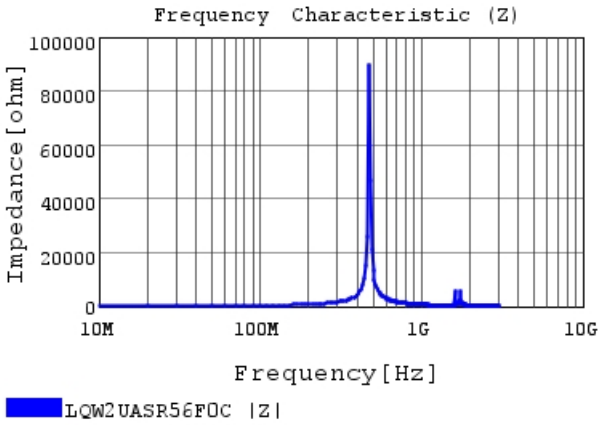
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Characteristic Data

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







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