

Note: This datasheet may be out of date. Please download the latest datasheet of LQW2UAS47NF0C# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQW2UAS47NF0C%23

LQW2UAS47NF0C#

"#"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.

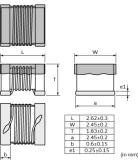
In Production RoHS REACH 85 Wound (Non) Tight Reflow OK

< List of part numbers with package codes > LQW2UAS47NF0CB LQW2UAS47NF0CL

Applications

Unsuitable	Please be sure to read and comply with	
Applications	ons these "Precautions for use."	
	Consumer equipment,Medical	
	equipment [GHTF A/B/C] except for	
	implant & surgery & auto injector,	
	Industrial equipment except for	
	transportation & facility & energy	
	equipment	
Specific	Please refer to Our Website and	
Applications	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	Canaumar aquinmant	
Applications	Consumer equipment	





1 of 4

Attention

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References

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

Mass (typ.)	
1 piece	0.039g

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2 of 4



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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	47nH±1%
Inductance Test Frequency	50MHz
Rated current (Itemp) (Based on Temperature rise)	1000mA
Max. of DC resistance	0.16Ω
Operating Temperature Range(Self-temperature rise is not included)	-40℃ to 85℃
Class of magnetic shield	Non-Shielded
Q(min.)	65
Q Test Frequency	350MHz
Self resonance frequency (min.)	1500MHz
Brand	Murata
Series	LQW2UAS_0C

3 of 4

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Product Search Data Sheet

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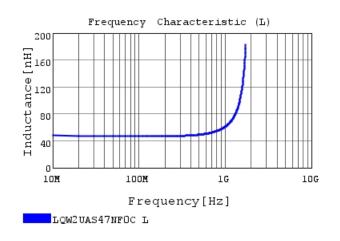
http://www.murata.com/en/products/productdetail?partno=LQW2UAS47NF0C%23

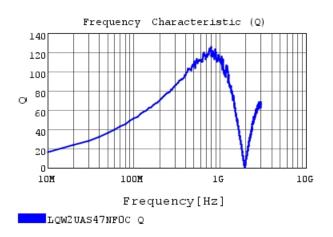
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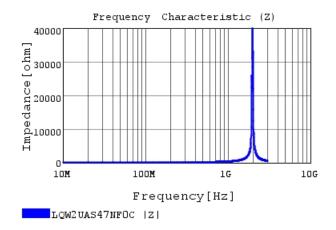
Characteristic Data

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







4 of 4

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