

Note: This datasheet may be out of date. Please download the latest datasheet of LQW21HNR47J00# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQW21HNR47J00%23

## LQW21HNR47J00#

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

### Size Code 2012 (0805) in mm (in inch), Ferrite Core High Frequency Wound Type



< List of part numbers with package codes > LQW21HNR47J00B LQW21HNR47J00L

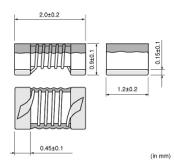
## Applications

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Unsuitable	Please be sure to read and comply with	
Applications	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	Consumer equipment	
Applications		











## Relefences

Packaging	Specifications	Standard Packing Quantity
В	Bulk(Bag)	500
L	180Embossed Tape	3000

Mass (typ.)		
1 piece	0.008g	

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### Attention

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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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### Specifications

L size	2.0±0.2mm
W size	1.2±0.2mm
T size	0.9±0.1mm
Size code inch (mm)	0805 (2012)
Inductance	0.47µH±5%
Inductance Test Frequency	10MHz
Rated current (Itemp) (Based on Temperature rise)	160mA
Max. of DC resistance	1.3Ω
Operating Temperature Range(Self-temperature rise is not included)	-40℃ to 85℃
Class of magnetic shield	Non-Shielded
Q(min.)	35
Q Test Frequency	100MHz
Self resonance frequency (min.)	620MHz
Brand	Murata
Series	LQW21HN_00

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Product Search Data Sheet

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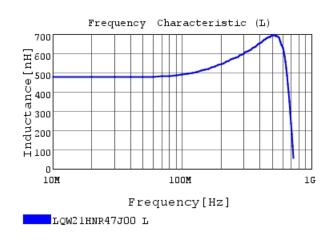
http://www.murata.com/en/products/productdetail?partno=LQW21HNR47J00%23

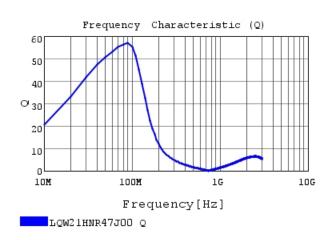
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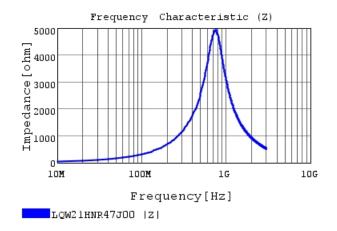
# Characteristic Data

LQW21HNR47J00#

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







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