

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

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	<p>Consumer equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment</p> <p>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.</p>
Recommended Applications	Consumer equipment

Appearance & Shape



References

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

Mass (typ.)	
1 piece	0.008g

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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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°C to 85°C
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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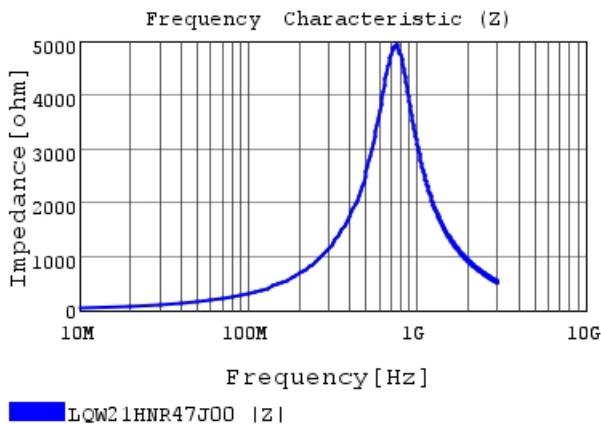
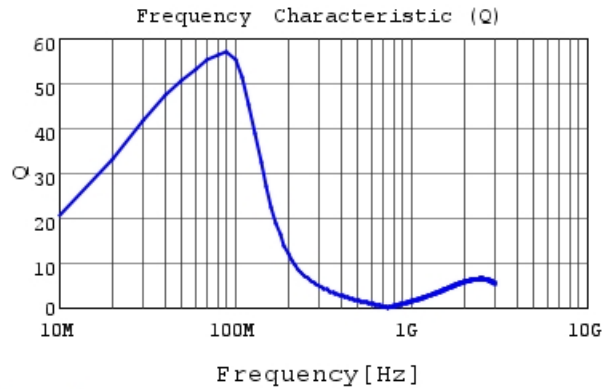
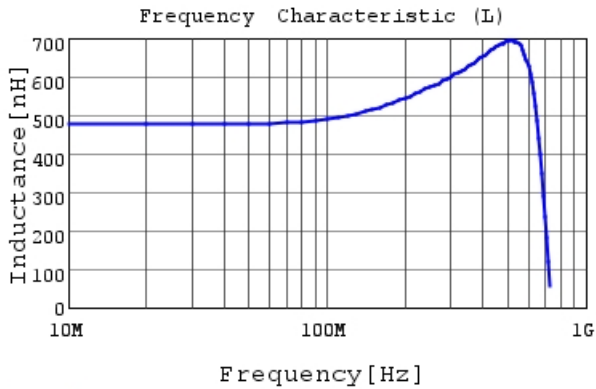
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Characteristic Data

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



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