

# LQW2BAS47NJ00#

“#” at the end indicates the package specification code.

Size Code 2015 (0805) in mm (in inch), Horizontal Wound Type

In Production

RoHS

REACH

125 °C max.

Wound (Non mag)

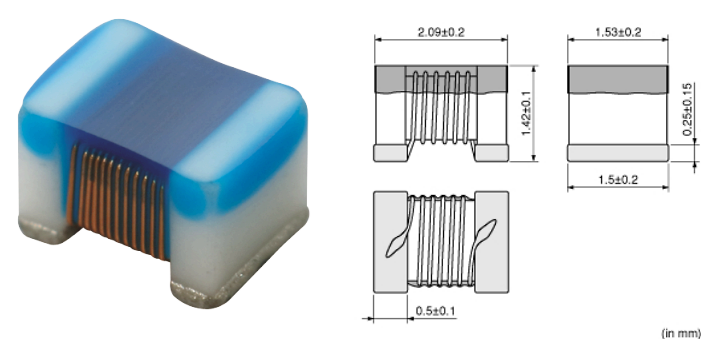
Reflow OK

< List of part numbers with package codes >  
LQW2BAS47NJ00B      LQW2BAS47NJ00K      LQW2BAS47NJ00L

## 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 &amp; surgery &amp; auto injector, Industrial equipment except for transportation &amp; facility &amp; 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



**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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## References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
K	330Embossed Tape	8000
L	180Embossed Tape	2000

Mass (typ.)	
1 piece	0.014g

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## Specifications

L size	2.09±0.2mm
W size	1.53±0.2mm
T size	1.42±0.1mm
Size code inch (mm)	0805 (2015)
Inductance	47nH±5%
Inductance Test Frequency	200MHz
Rated current (Itemp) (Based on Temperature rise)	500mA
Max. of DC resistance	0.31Ω
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Class of magnetic shield	Non-Shielded
Q(min.)	60
Q Test Frequency	500MHz
Self resonance frequency (min.)	1700MHz
Brand	Murata
Series	LQW2BAS_00

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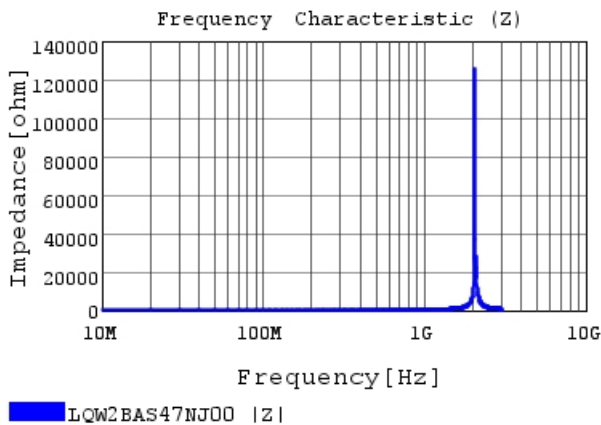
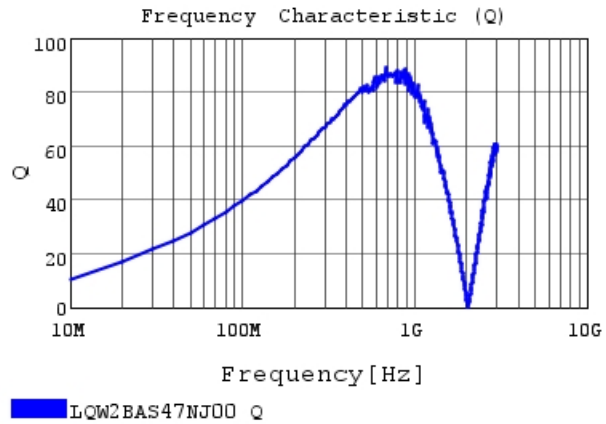
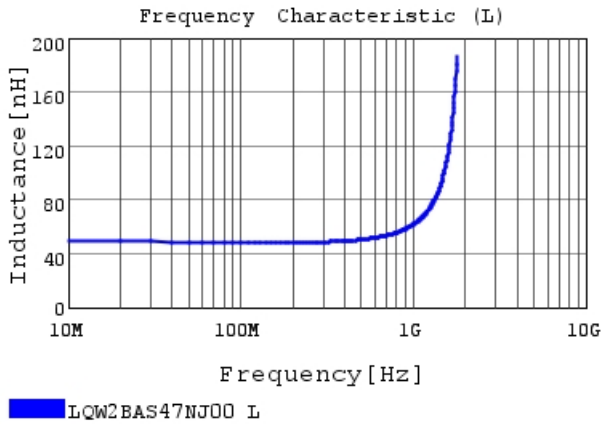
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## Characteristic Data

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



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