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http://www.murata.com/en-us/products/productdetail?partno=LQW2BAN11NJ00%23

LQW2BAN11NJ00#

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

0805(inch)/2015(mm) size, horizontal wound inductor.

In Production | RoHS | REACH | 125 ℃max. | Wound (Non mag) | Reflow OK

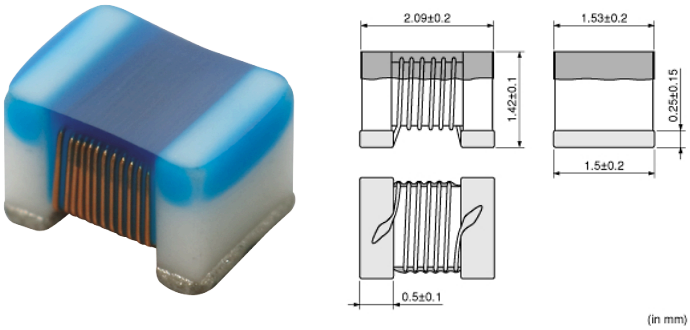
< List of part numbers with package codes >

LQW2BAN11NJ00B LQW2BAN11NJ00K LQW2BAN11NJ00L

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



Notices

Please consider 'Notice (Rating).' When rated current is applied to the products, self-temperature rise shall be limited to 40°C max.

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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LQW2BAN11NJ00#

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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	11nH±5%
Inductance Test Frequency	250MHz
Rated current (Itemp) (Based on Temperature rise)	2400mA
Max. of DC resistance	0.04Ω
Operating Temperature Range (Self-temperature rise is included)	-55℃ to 125℃
Class of magnetic shield	Non-Shielded
Q(min.)	80
Q Test Frequency	500MHz
Self resonance frequency (min.)	4700MHz
Brand	Murata
Series	LQW2BAN_00

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LQW2BAN11NJ00#

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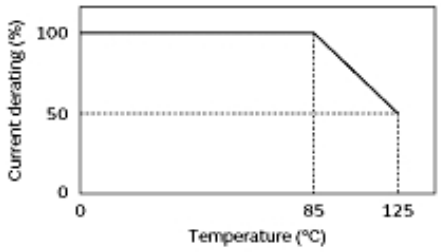
Notice For General

In operating temperatures exceeding +85°C, derating of current is necessary for this series.
Please apply the derating curve shown in the chart according to the operating temperature.

Derating of Rated Current



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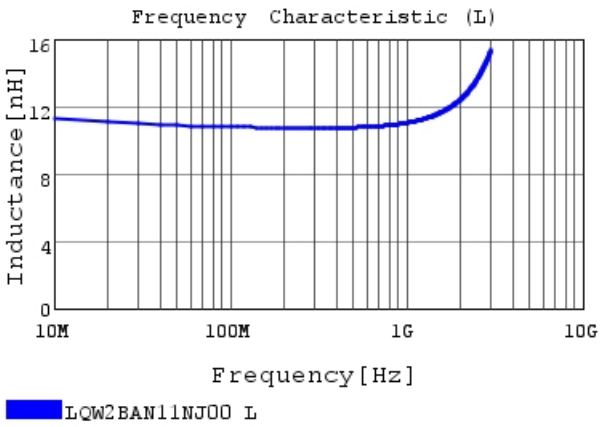
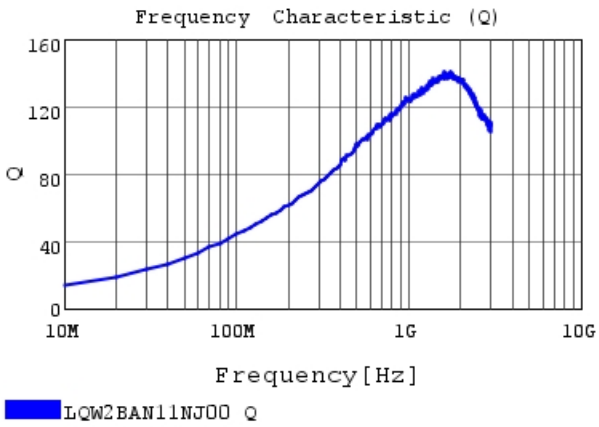
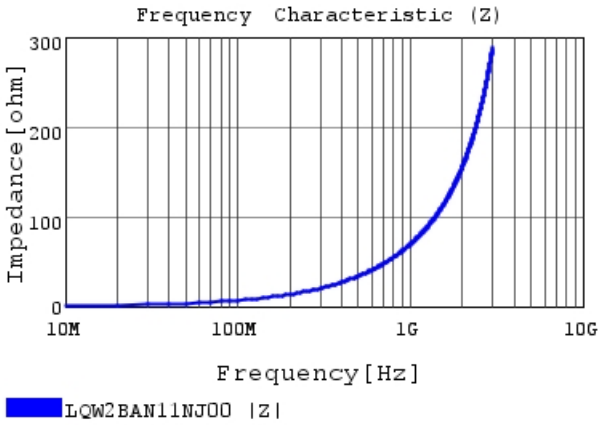
Characteristic Data

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







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