

LQW2BAN82NG00#

“#” indicates a package specification code.

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

In Production

General

RoHS

REACH

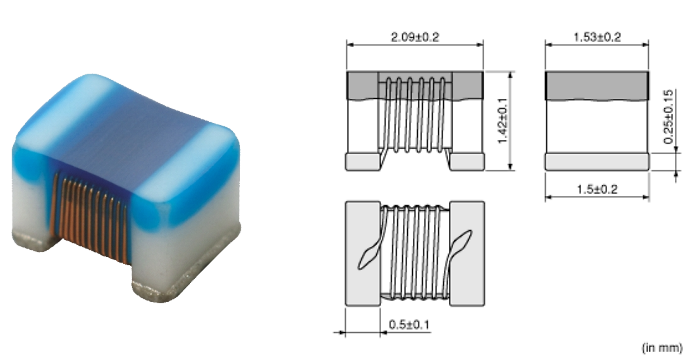
125
°C max.

Wound
(Non mag)

Reflow
OK

< List of part numbers with package codes >
LQW2BAN82NG00B LQW2BAN82NG00L LQW2BAN82NG00K

Appearance & Shape



References

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

Mass (typ.)	
1 piece	0.014g

Notices

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

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	2.09±0.2mm
W size	1.53±0.2mm
T size	1.42±0.1mm
Size code inch (mm)	0805 (2015)
Inductance	82nH±2%
Inductance Test Frequency	150MHz
Rated current (Itemp) (Based on Temperature rise)	1200mA
Max. of DC resistance	0.24Ω
Operating Temperature Range (Self-temperature rise is included)	-55°C to 125°C
Q(min.)	70
Q Test Frequency	500MHz
Self resonance frequency (min.)	1330MHz
Series	LQW2BAN_00

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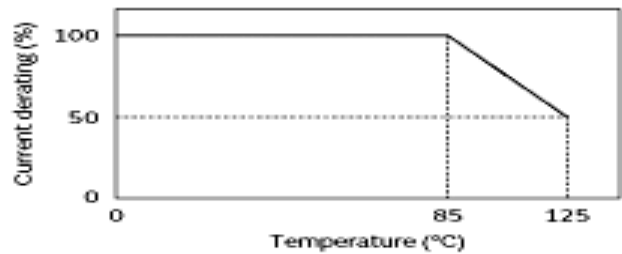
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Notice For General

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



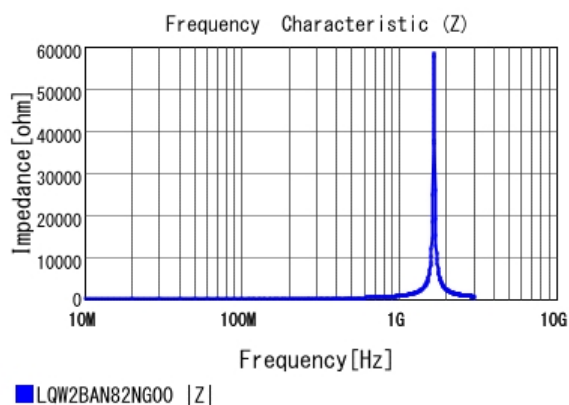
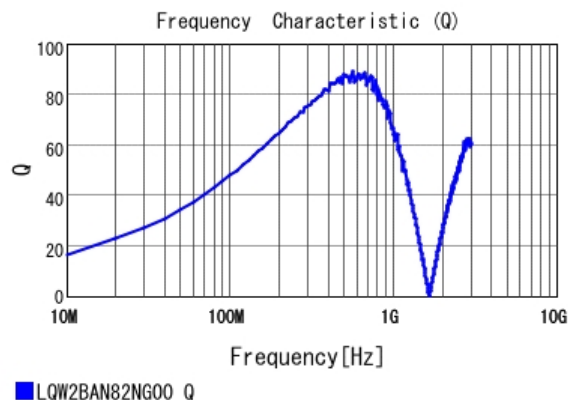
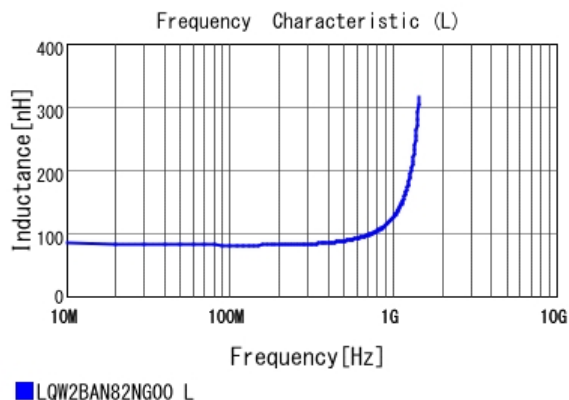
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Characteristic Data

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



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