Note: This datasheet may be out of date.
Please download the latest datasheet of LQW15AN2N2G80# from the official website of Murata Manufacturing Co., Ltd.
http://www.murata.com/en-US/products/productdetail?partno=LQW15AN2N2G80%23

LQW15AN2N2G80#

"#" indicates a package specification code.

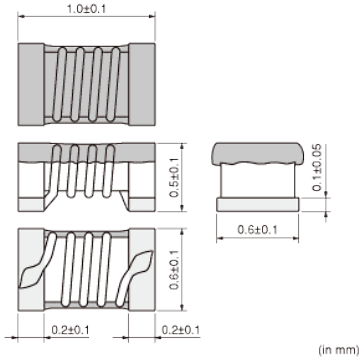
Size Code 1005 (0402) in mm (in inch), Wound Type

In Production | General | RoHS | REACH | 125 °C max. | Wound (Non mag) | Low Rdc | High Q | Reflow OK

< List of part numbers with package codes >
LQW15AN2N2G80B LQW15AN2N2G80D

Appearance & Shape





References

Packaging	Specifications	Minimum Order Quantity
B	Bulk(Bag)	500
D	180mm Paper Tape	10000

Mass (typ.)	
1 piece	0.0009g

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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LQW15AN2N2G80#

"#" indicates a package specification code.

Specifications

L size	1.0±0.1mm
W size	0.6±0.1mm
T size	0.5±0.1mm
Size code inch (mm)	0402 (1005)
Inductance	2.2nH±2%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	2530mA
Max. of DC resistance	0.022Ω
Q(min.)	30
Q Test Frequency	250MHz
Self resonance frequency (min.)	15.5GHz
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Series	LQW15AN_80

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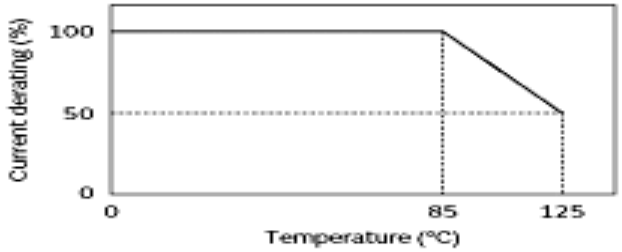
LQW15AN2N2G80#

"#" indicates a package specification code.

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



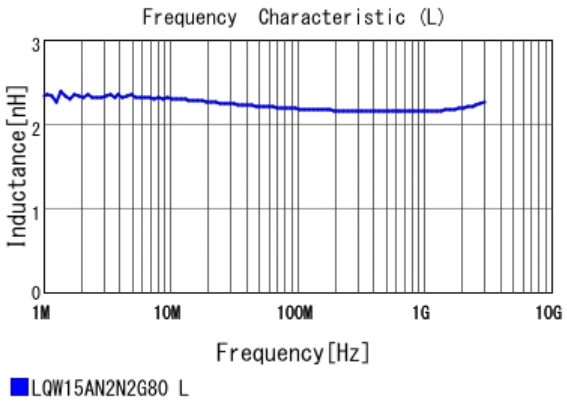
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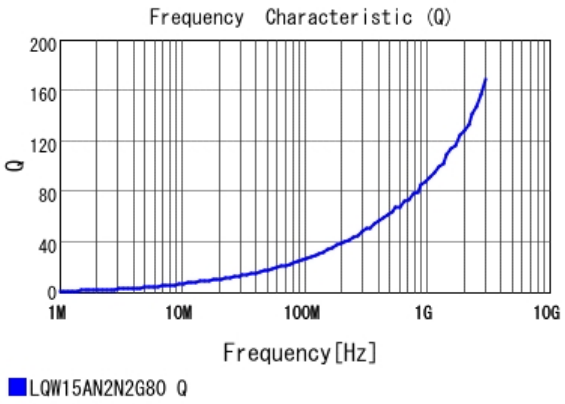
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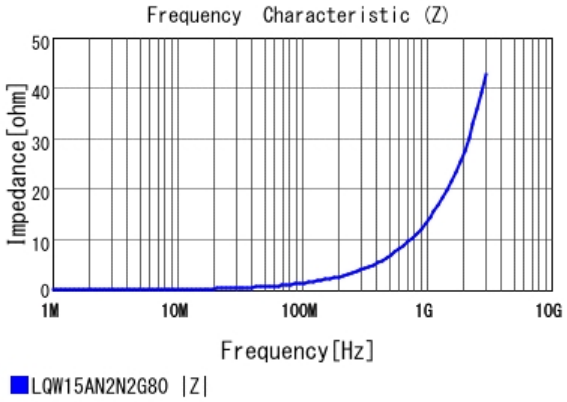
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Characteristic Data

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







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