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http://www.murata.com/en-gb/products/productdetail?partno=LQW15AN6N2B80%23

LQW15AN6N2B80#

"#" indicates a package specification code.

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

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

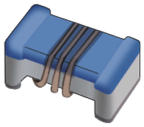
< List of part numbers with package codes >

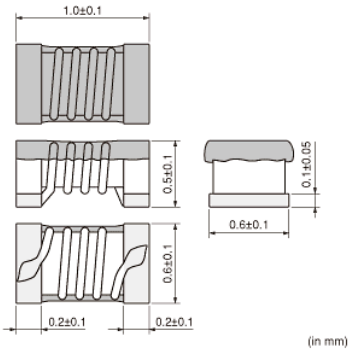
LQW15AN6N2B80B LQW15AN6N2B80D

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 & operation & auto-dispenser equipment,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





References

Packaging	Specifications	Standard Packing 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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LQW15AN6N2B80#

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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	6.2nH±0.1nH
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	1600mA
Max. of DC resistance	0.056Ω
Q(min.)	33
Q Test Frequency	250MHz
Self resonance frequency (min.)	8GHz
Operating Temperature Range(Self-temperature rise is not included)	-55℃ to 125℃
Brand	Murata
Series	LQW15AN_80

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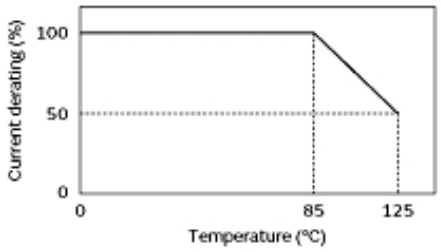
LQW15AN6N2B80#

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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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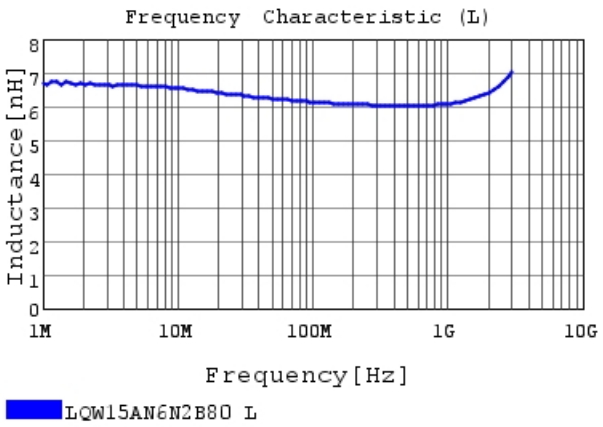
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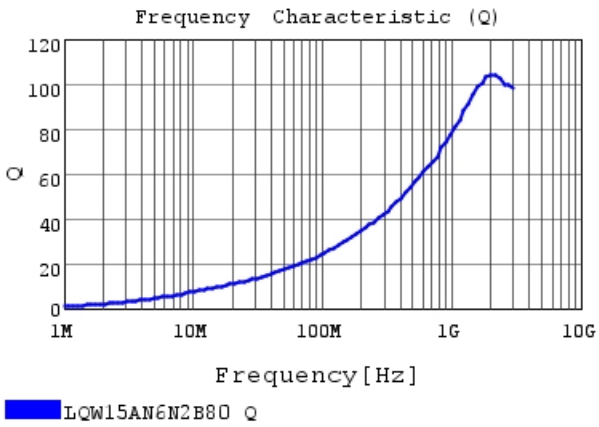
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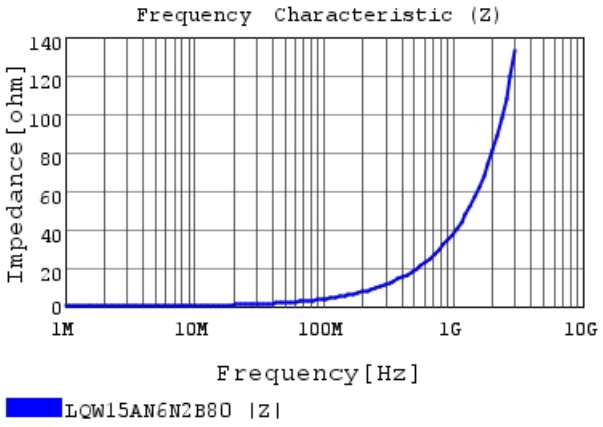
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Characteristic Data

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







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