

# LQW15AW51NJ80#

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

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



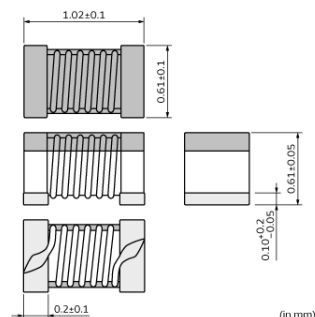
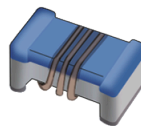
< List of part numbers with package codes >

LQW15AW51NJ80B LQW15AW51NJ80D

## 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



## References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
D	180mm Paper Tape	10000

Mass (typ.)	
1 piece	0.0012g

### Attention

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## Specifications

L size	1.02±0.1mm
W size	0.61±0.1mm
T size	0.61±0.05mm
Size code inch (mm)	0402 (1005)
Inductance	51nH±5%
Inductance Test Frequency	250MHz
Rated current (Itemp) (Based on Temperature rise)	480mA
Max. of DC resistance	0.47Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 140°C
Class of magnetic shield	Non-Shielded
Q(min.)	33
Q Test Frequency	250MHz
Self resonance frequency (min.)	2.1GHz
Brand	Murata
Series	LQW15AW_80

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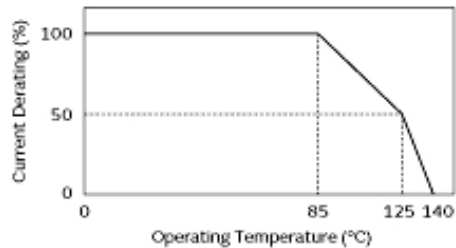
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## Notice For General

In operating temperatures exceeding +85°C, derating of current is necessary for the LQW15AW\_80 series. Please apply the derating curve shown in the chart according to the operating temperature.

### Derating of Rated Current



### Attention

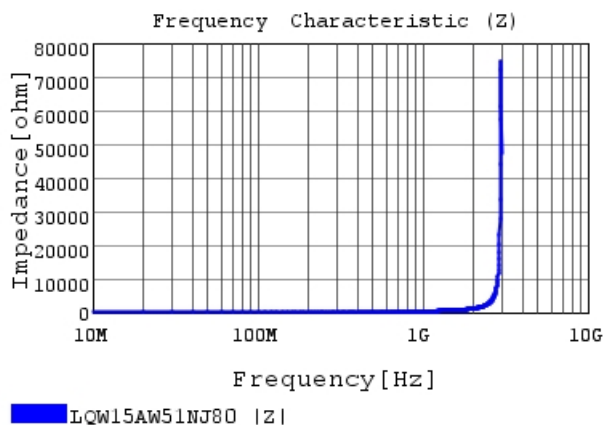
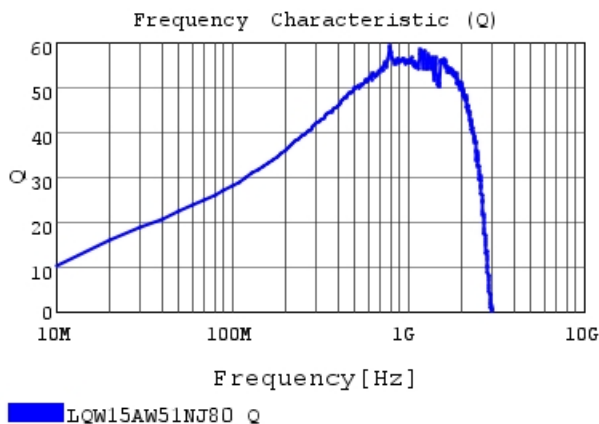
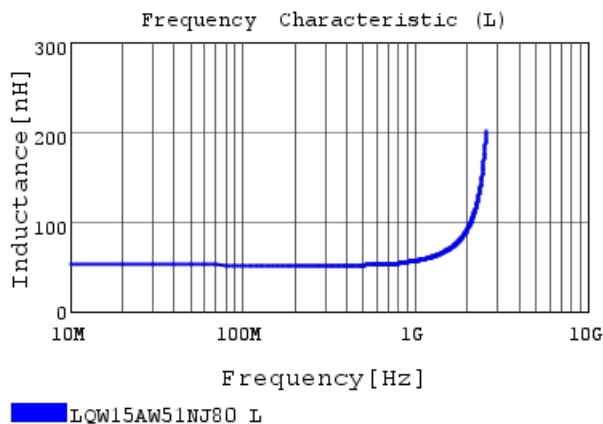
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## Characteristic Data

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



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