

LQW15AN4N7B80#

#" indicates a package specification code.

In Production

General

125 °C max.

Wound Non mag.

Low Rdc (W)

High Q

Tight Tolerance

Reflow OK

RoHS

REACH

< List of part numbers with package codes >

LQW15AN4N7B80D , LQW15AN4N7B80B

Shape

L size	1.0 ±0.1mm
W size	0.6 ±0.1mm
T size	0.5 ±0.1mm
Size code in inch (mm)	0402 (1005)

Notes

In operating temperatures exceeding +85°C, derating of current is necessary for the LQW15A_80 series.
Please apply the derating curve shown in the chart according to the operating temperature.
Please consider "Notice (Rating)."

References

Packaging code	Specifications	Minimum quantity
D	ø180mm Paper taping	10000
B	Packing in bulk	500

Mass (Typ.)
1 piece 0.0009g

Specifications

Inductance	4.7nH ±0.1nH
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	1200mA
Max. of DC resistance	0.071Ω
Q (min.)	31
Q test frequency	250MHz
Self resonance frequency (min.)	8.0GHz
Operating temperature range (Self-temperature rise is not included)	-55°C to 125°C
Series	LQW15AN_80

Attention

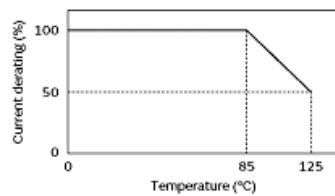
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2. This datasheet has only typical specifications because there is no space for detailed specifications.

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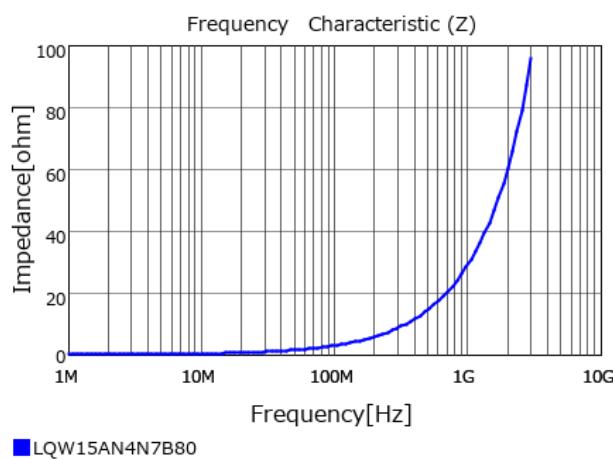
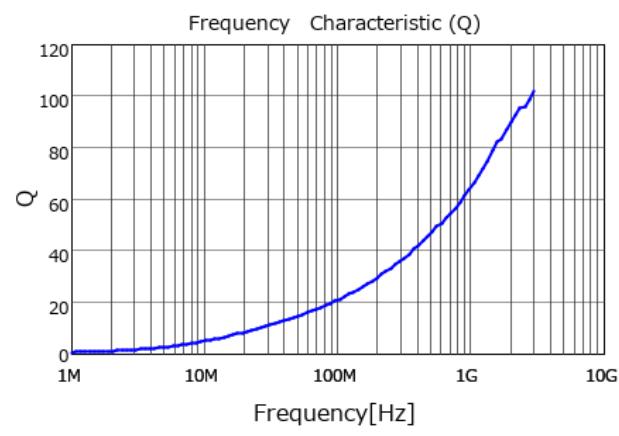
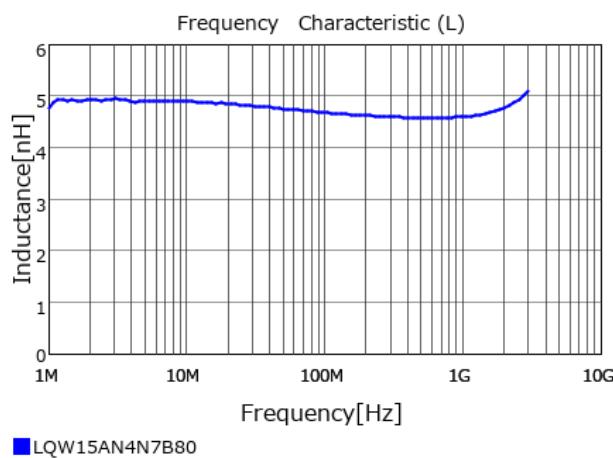
In operating temperatures exceeding +85°C, derating of current is necessary for this series.
Please apply the derating curve shown in the chart according to the operating temperature.

Derating of Rated Current



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