

LQW15AN5N9B80#

“ # ” indicates a package specification code.

Recommended

New

General

Wound
(No Shield)

LowRdc


Thickness
0.6mm
max.

HiQ

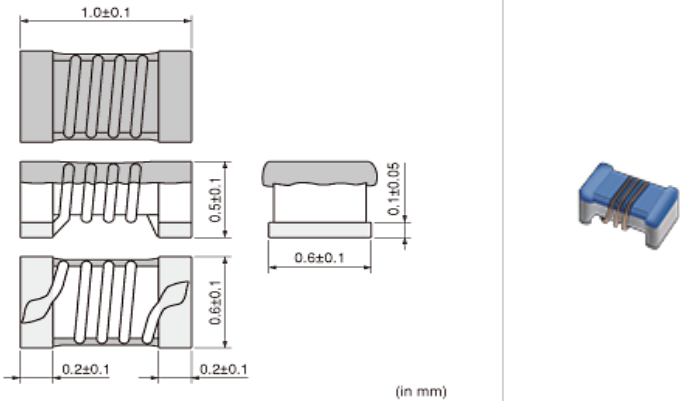
Tight
Tolerance

Reflow
OK

RoHS

< List of part numbers with package codes >
LQW15AN5N9B80D , LQW15AN5N9B80B

Shape



(in mm)

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 temperature exceeding +85℃, derating of current is necessary for LQW15A_80 series.
Please apply the derating curve shown in chart according to the operating temperature.
Please confirm the below "Notice (Rating)".

References

Packaging code	Specifications	Minimum quantity
D	180mm Paper taping	10000
B	Packing in bulk	500

Mass (Typ.)	
1 piece	0.0009g

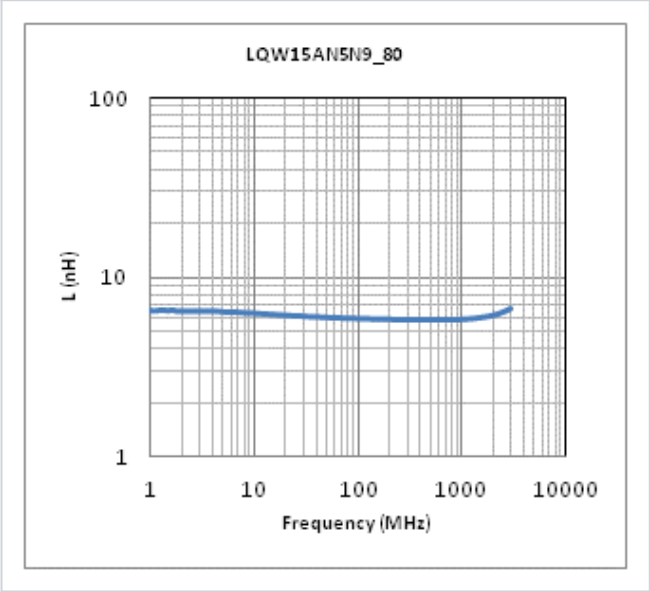
Specifications

Inductance	5.9nH ± 0.1nH
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	1770mA
Max. of DC resistance	0.040
Q (min.)	30
Q test frequency	250MHz
Self resonance frequency (min.)	8.0GHz
Operating temperature range (Self-temperature rise is not included)	-55 ~ 125

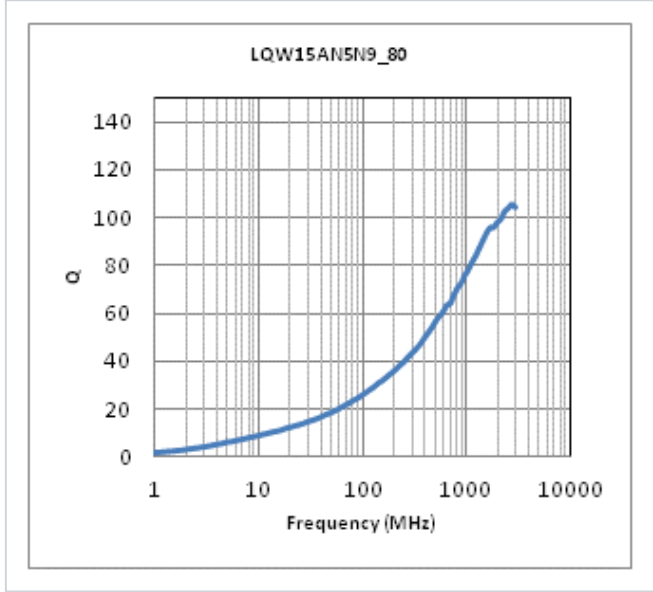
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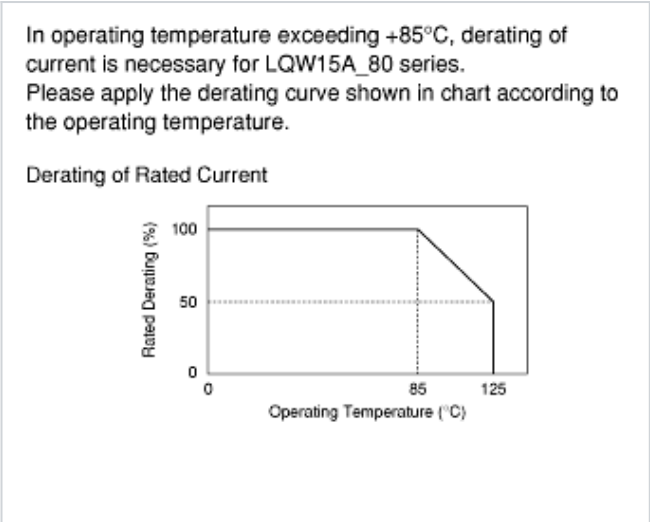
▪ Inductance-Frequency characteristics (Typ.)



▪ Q-Frequency characteristics (Typ.)



▪ Notice (Rating)



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