

# LQW15AN8N1G80#

“ # ” 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 >  
LQW15AN8N1G80D , LQW15AN8N1G80B

## 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 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

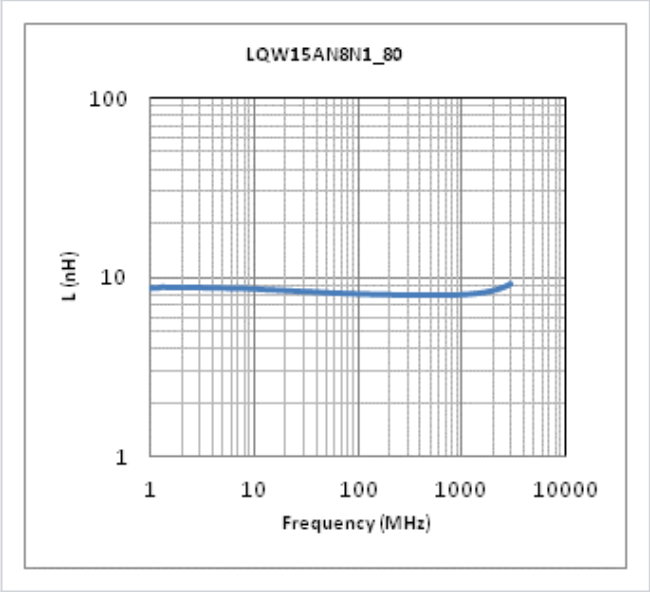
## Specifications

Inductance	8.1nH ± 2%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	1500mA
Max. of DC resistance	0.069
Q (min.)	32
Q test frequency	250MHz
Self resonance frequency (min.)	6.5GHz
Operating temperature range (Self-temperature rise is not included)	-55 ~ 125

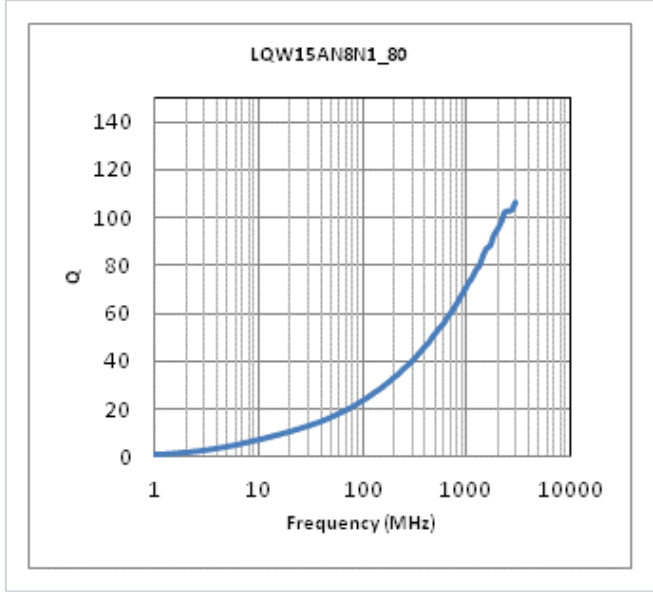
### ⚠ Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it ' s specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 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.

▪ Inductance-Frequency characteristics (Typ.)



▪ Q-Frequency characteristics (Typ.)



▪ Notice (Rating)

