

# LQW15AN1N5C80#

“ # ” indicates a package specification code.

Recommended

New

General

Wound  
(No Shield)  
000

LowRdc  


Thickness  
0.6mm  
max.

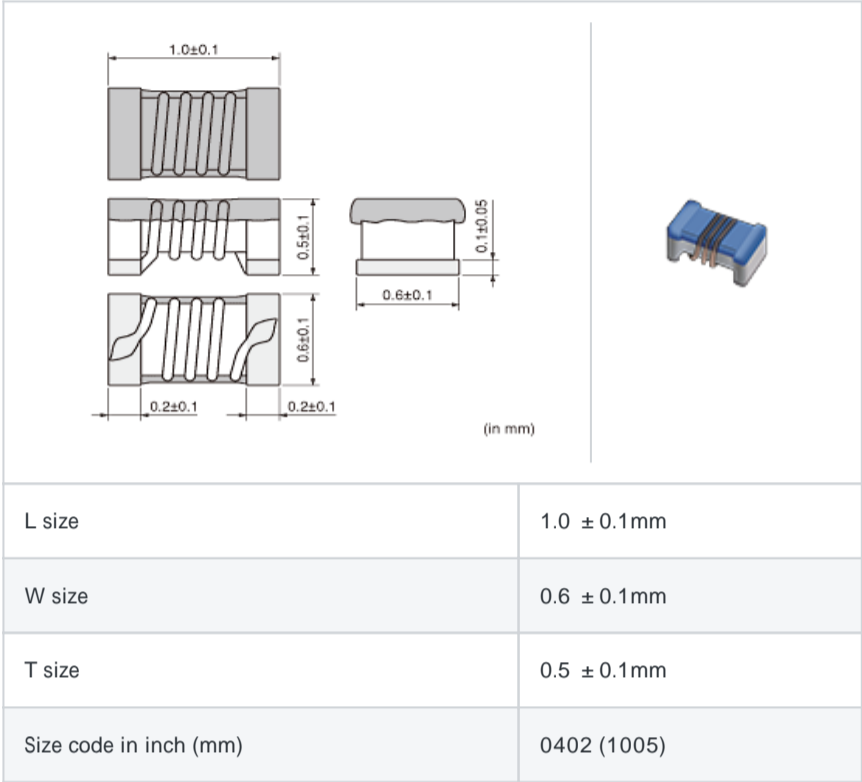
HQ

Reflow  
OK

RoHS

< List of part numbers with package codes >  
LQW15AN1N5C80D , LQW15AN1N5C80B

## Shape



## 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

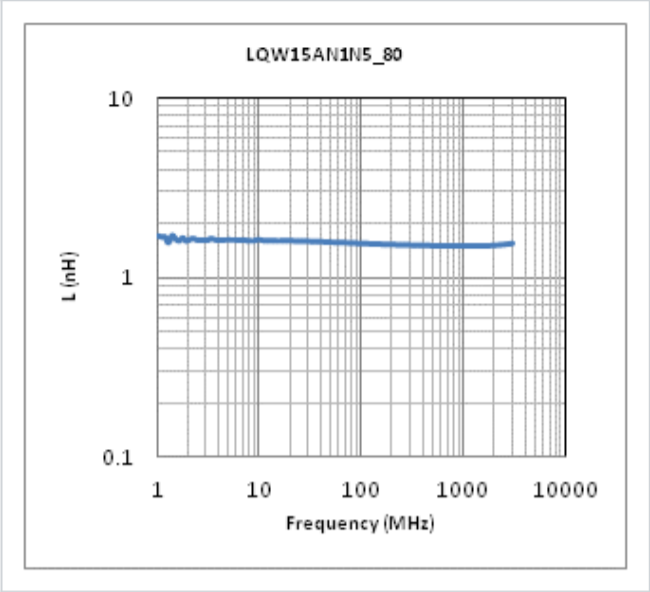
## Specifications

Inductance	1.5nH ± 0.2nH
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	2100mA
Max. of DC resistance	0.028
Q (min.)	20
Q test frequency	250MHz
Self resonance frequency (min.)	18.0GHz
Operating temperature range (Self-temperature rise is not included)	-55 ~ 125

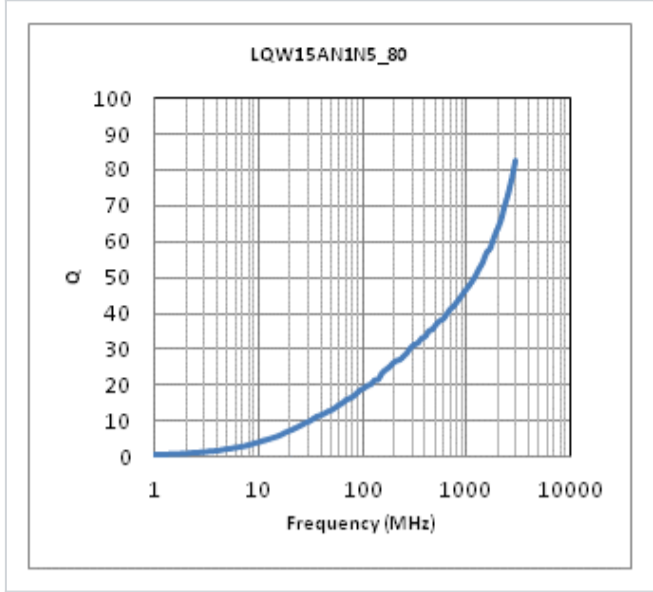
### ⚠ Attention

- 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)

