

# LQW15AN47NG80#

“ # ” 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 >  
LQW15AN47NG80D , LQW15AN47NG80B

## 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

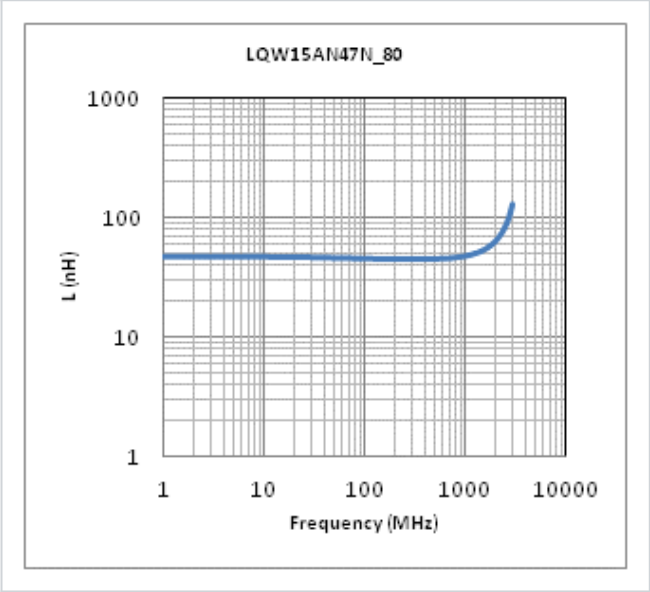
## Specifications

Inductance	47nH ± 2%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	440mA
Max. of DC resistance	0.648
Q (min.)	25
Q test frequency	200MHz
Self resonance frequency (min.)	3.2GHz
Operating temperature range (Self-temperature rise is not included)	-55 ~ 125

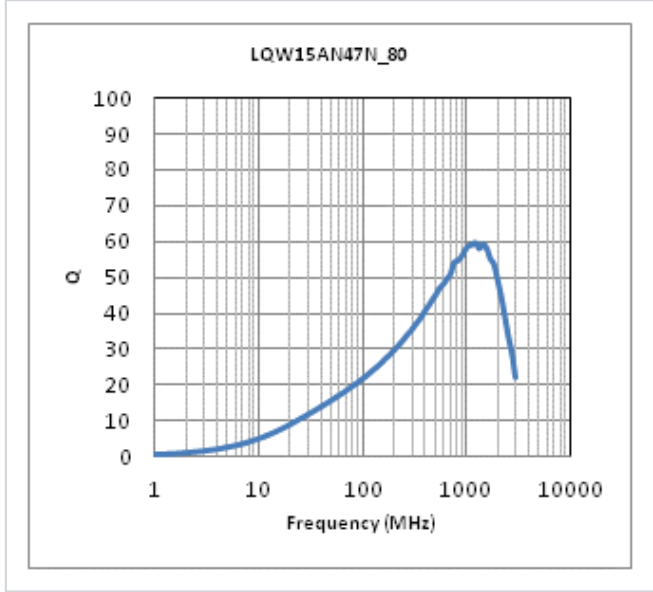
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Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

▪ Inductance-Frequency characteristics (Typ.)



▪ Q-Frequency characteristics (Typ.)



▪ Notice (Rating)



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