

# LQW15AN8N1J80#

# indicates a package specification code.



< List of part numbers with package codes >  
LQW15AN8N1J80D , LQW15AN8N1J80B

## Shape



## 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	φ 180mm Paper taping	10000
B	Packing in bulk	500

Mass (Typ.)	
1 piece	0.0009g

## Specifications

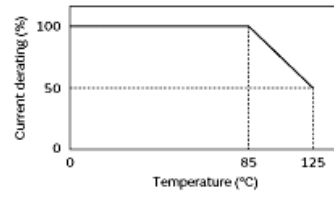
Inductance	8.1nH ±5%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	1500mA
Max. of DC resistance	0.069Ω
Q (min.)	32
Q test frequency	250MHz
Self resonance frequency (min.)	6.5GHz
Operating temperature range (Self-temperature rise is not included)	-55~125°C
Series	LQW15AN_80

### Attention

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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

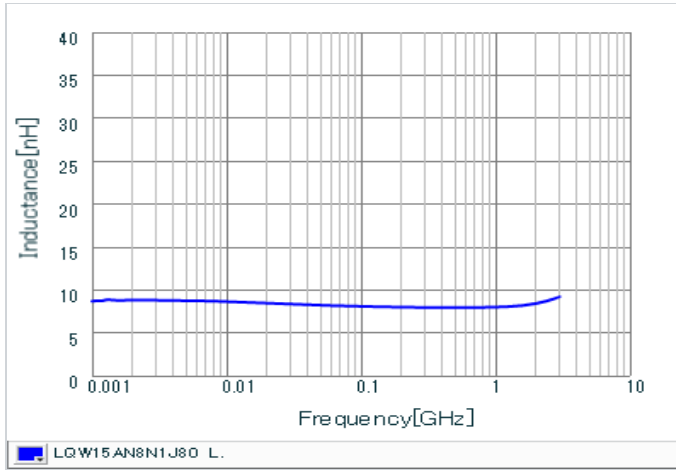


 **Attention**

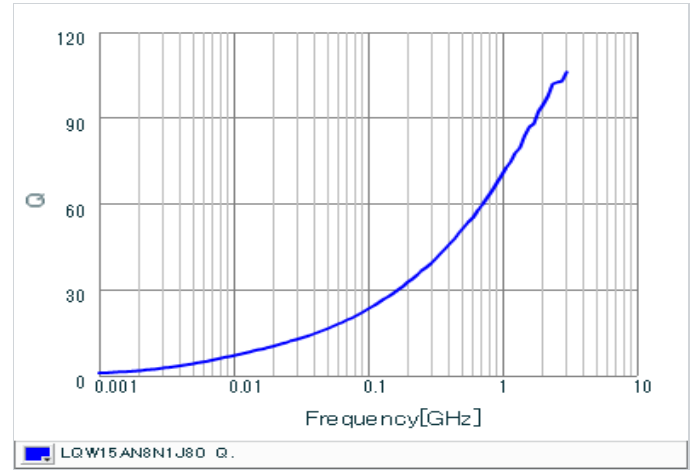
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**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

▪ Inductance-Frequency characteristics (Typ.)



▪ Q-Frequency characteristics (Typ.)



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