# **LQW15AN7N0G80#**

"#" indicates a package specification code.













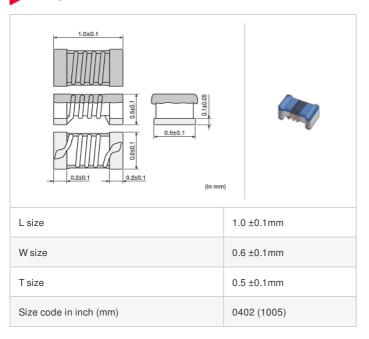






< List of part numbers with package codes > LQW15AN7N0G80D , LQW15AN7N0G80B

## **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	ф180mm Paper taping	10000
В	Packing in bulk	500

Mass (Typ.)	
1 piece	0.0009g

### **Specifications**

Inductance	7.0nH ±2%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	1420mA
Max. of DC resistance	0.069Ω
Q (min.)	33
Q test frequency	250MHz
Self resonance frequency (min.)	8.0GHz
Operating temperature range (Self-temperature rise is not included)	-55~125°C
Series	LQW15AN_80

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

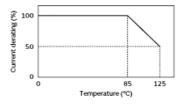


<sup>2.</sup> This datasheet has only typical specifications because there is no space for detailed specifications



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



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#### **Attention**

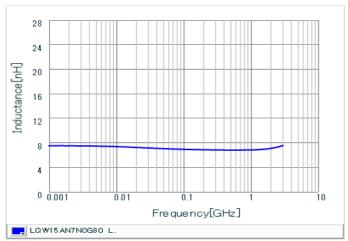
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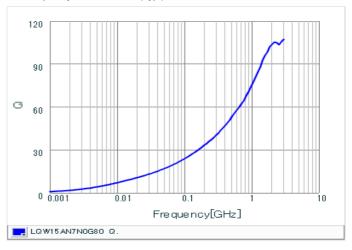
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#### Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

Inductance-Frequency characteristics (Typ.)



Q-Frequency characteristics (Typ.)



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