LQW15AN27NJ80# "#" indicates a package specification code.











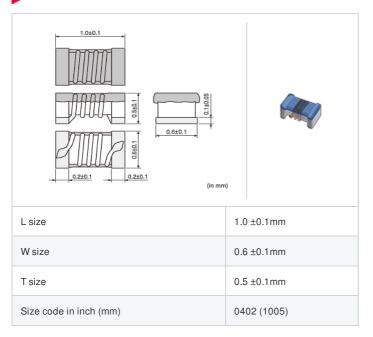






< List of part numbers with package codes > LQW15AN27NJ80D , LQW15AN27NJ80B

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	27nH ±5%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	680mA
Max. of DC resistance	0.288Ω
Q (min.)	30
Q test frequency	250MHz
Self resonance frequency (min.)	4GHz
Operating temperature range (Self-temperature rise is not included)	-55∼125°C
Series	LQW15AN_80

1 of 3



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

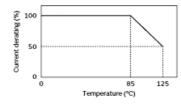


^{2.} This datasheet has only typical specifications because there is no space for detailed specifications



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

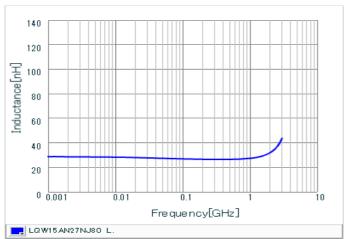
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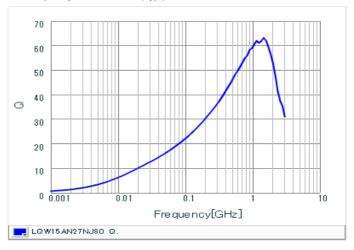
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

Inductance-Frequency characteristics (Typ.)



Q-Frequency characteristics (Typ.)



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