LQW18AN3N0C80#

"#" indicates a package specification code.









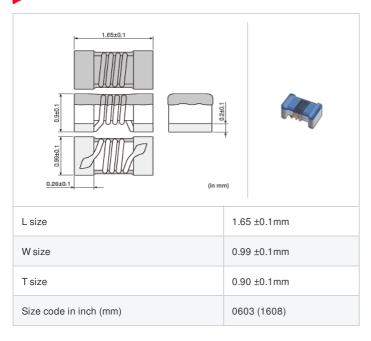






< List of part numbers with package codes > LQW18AN3N0C80D , LQW18AN3N0C80J , LQW18AN3N0C80B

Shape





Notes

In operating temperatures exceeding +85°C, derating of current is necessary for the LQW18AN_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	4000
J	ф330mm Paper taping	10000
В	Packing in bulk	500

Mass (Typ.)	
1 piece	0.0034g

Specifications

Inductance	3.0nH ±0.2nH
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	670mA
Max. of DC resistance	0.17Ω
Q (min.)	13
Q test frequency	250MHz
Self resonance frequency (min.)	15000MHz
Operating temperature range (Self-temperature rise is not included)	-55~125°C
Series	LQW18AN_80

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^{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

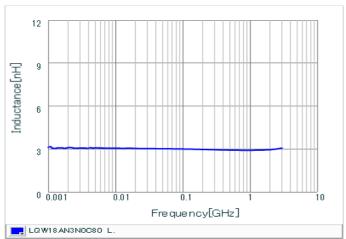
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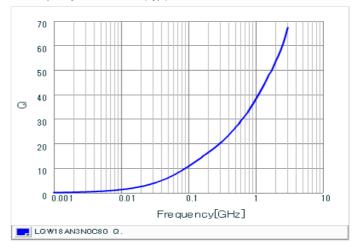
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

Inductance-Frequency characteristics (Typ.)



Q-Frequency characteristics (Typ.)



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