

LQW18AN82NG80#

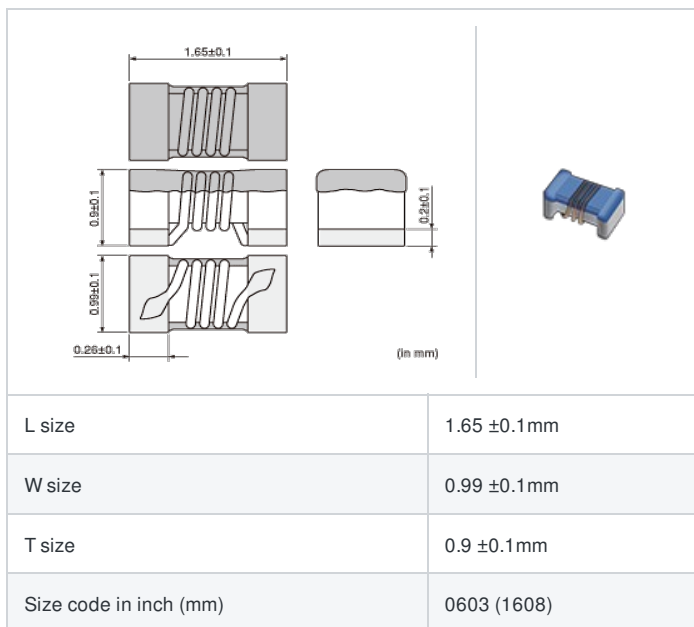
"#" indicates a package specification code.



< List of part numbers with package codes >

LQW18AN82NG80D , LQW18AN82NG80J , LQW18AN82NG80B

Shape



References

Packaging code	Specifications	Minimum quantity
D	φ180mm Paper taping	4000
J	φ330mm Paper taping	10000
B	Packing in bulk	500

Mass (Typ.)	
1 piece	0.0034g

Specifications

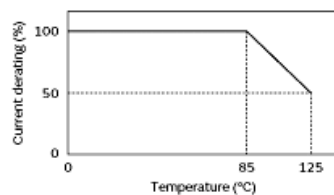
Inductance	82nH ±2%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	550mA
Max. of DC resistance	0.5Ω
Q (min.)	34
Q test frequency	150MHz
Self resonance frequency (min.)	2230MHz
Operating temperature range (Self-temperature rise is not included)	-55 to 125°C
Series	LQW18AN_80

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

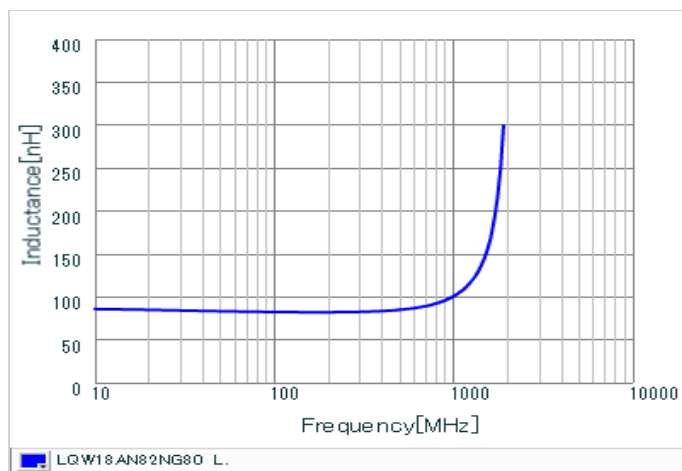


 Attention

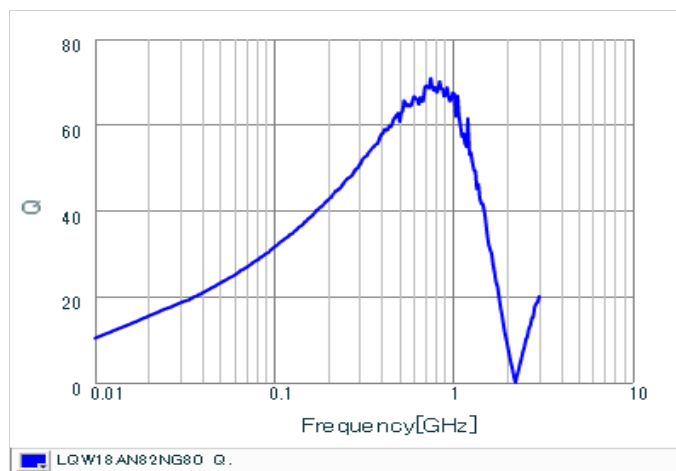
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

■ Inductance-Frequency characteristics (Typ.)



■ Q-Frequency characteristics (Typ.)



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