Inductor Data Sheet

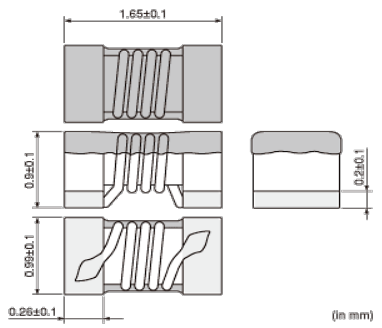
LQW18ANR18J80#

"#" indicates a package specification code.

In Production | General | 125 °C max. | Wound (Non mag) | Low Rdc | Reflow OK | RoHS | REACH

< List of part numbers with package codes >
LQW18ANR18J80D , LQW18ANR18J80J , LQW18ANR18J80B

Shape



L size	1.65 ±0.1mm
W size	0.99 ±0.1mm
T size	0.9 ±0.1mm
Size code in inch (mm)	0603 (1608)

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	180nH ±5%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	310mA
Max. of DC resistance	1.65Ω
Q (min.)	25
Q test frequency	100MHz
Self resonance frequency (min.)	1380MHz
Operating temperature range (Self-temperature rise is not included)	-55 to 125°C
Series	LQW18AN_80

Attention

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2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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

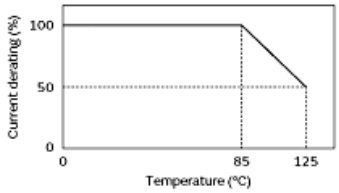

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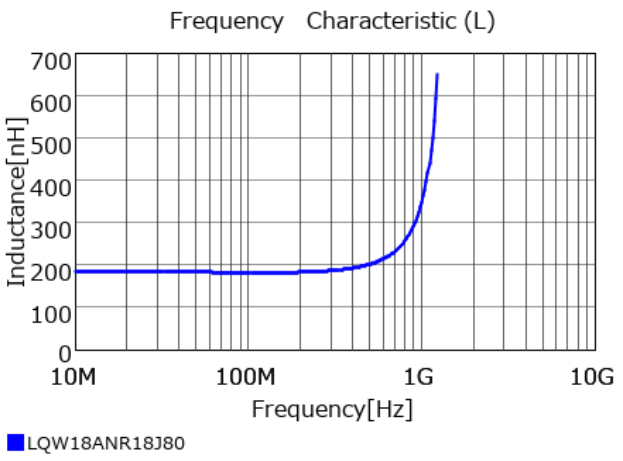
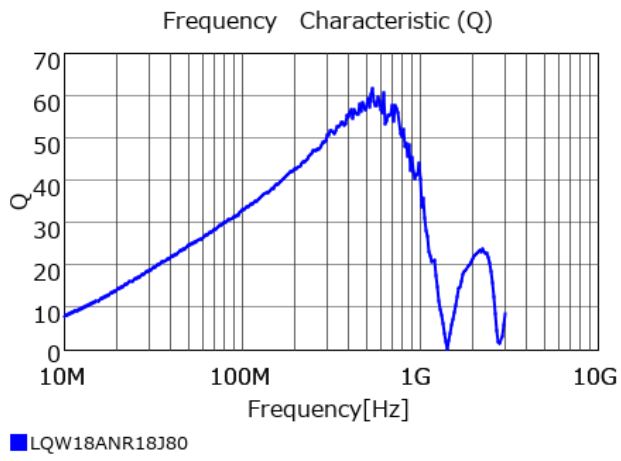
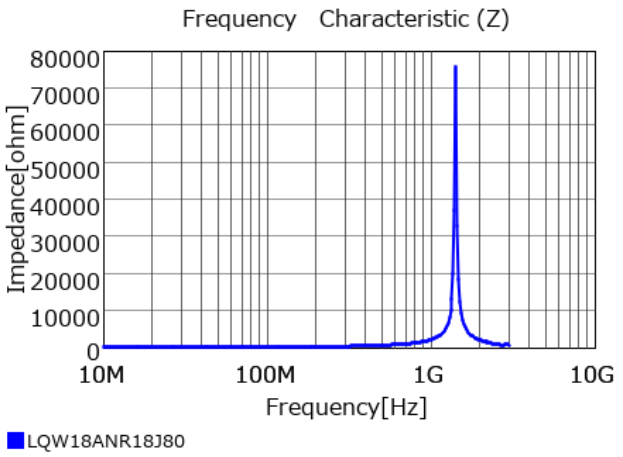
Chart of characteristic data (The charts below may show another part number which shares its characteristics.)







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