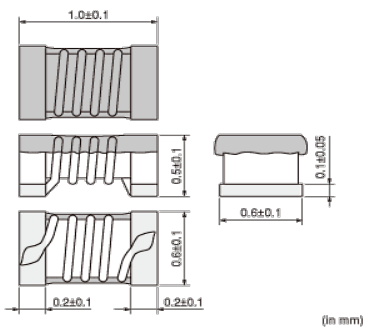
LQW15AN4N9C80#

"#" indicates a package specification code.

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

< List of part numbers with package codes >
LQW15AN4N9C80D , LQW15AN4N9C80B

Shape



L size	1.0 ±0.1mm
W size	0.6 ±0.1mm
T size	0.5 ±0.1mm
Size code in inch (mm)	0402 (1005)

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	φ180mm Paper taping	10000
B	Packing in bulk	500

Mass (Typ.)	
1 piece	0.0009g

Specifications

Inductance	4.9nH ±0.2nH
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	1200mA
Max. of DC resistance	0.071Ω
Q (min.)	27
Q test frequency	250MHz
Self resonance frequency (min.)	8.0GHz
Operating temperature range (Self-temperature rise is not included)	-55°C to 125°C
Series	LQW15AN_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

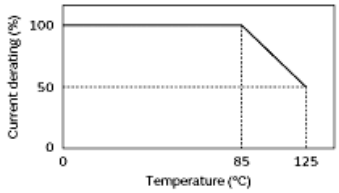

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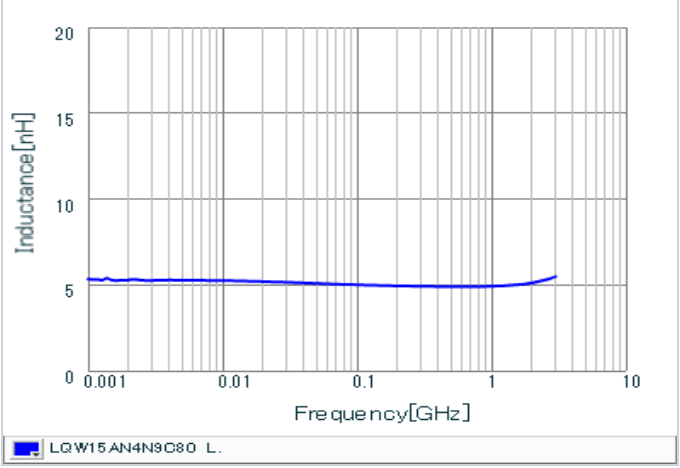
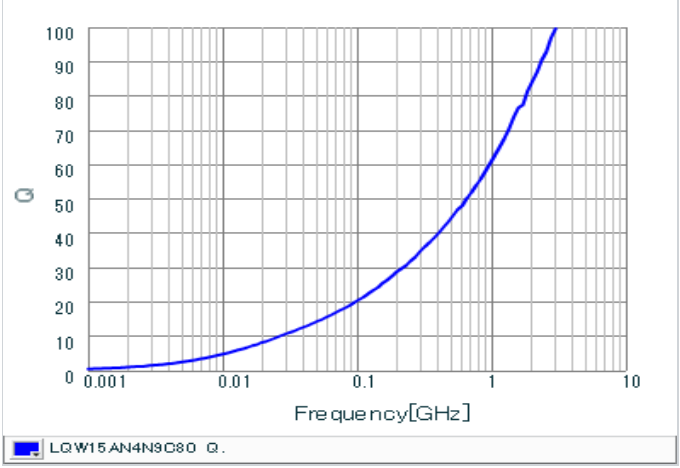
Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

- Inductance-Frequency characteristics (Typ.)



- Q-Frequency characteristics (Typ.)



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