

LQW18AN58NG8Z#

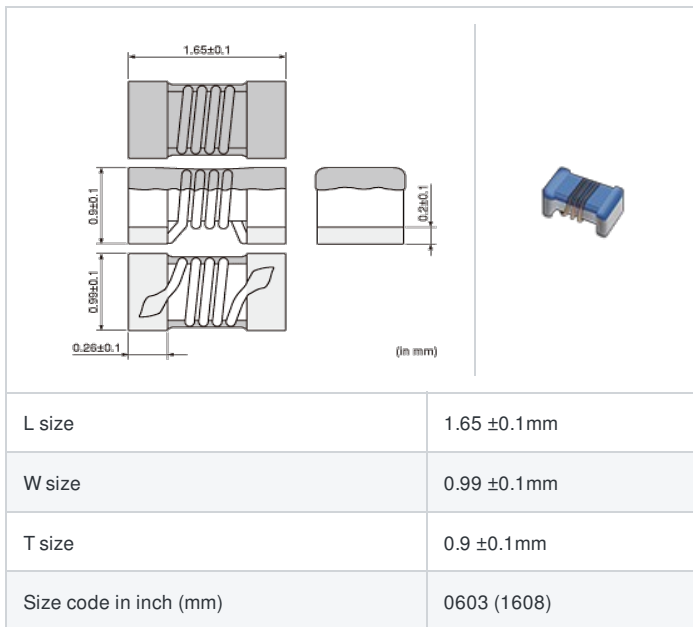
"#" indicates a package specification code.



< List of part numbers with package codes >

LQW18AN58NG8ZD , LQW18AN58NG8ZJ , LQW18AN58NG8ZB

Shape



Notes

Please consider 'Notice (Rating).'

When rated current is applied to the products, the temperature rise caused by self-generated heat shall be limited to 40°C max.

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	58nH ±2%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	700mA
Max. of DC resistance	0.3Ω
Q (min.)	35
Q test frequency	200MHz
Self resonance frequency (min.)	2400MHz
Operating temperature range (Self-temperature rise is not included)	-55 to 125°C
Series	LQW18AN_8Z

Attention

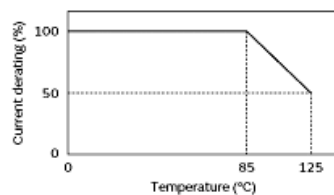
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Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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

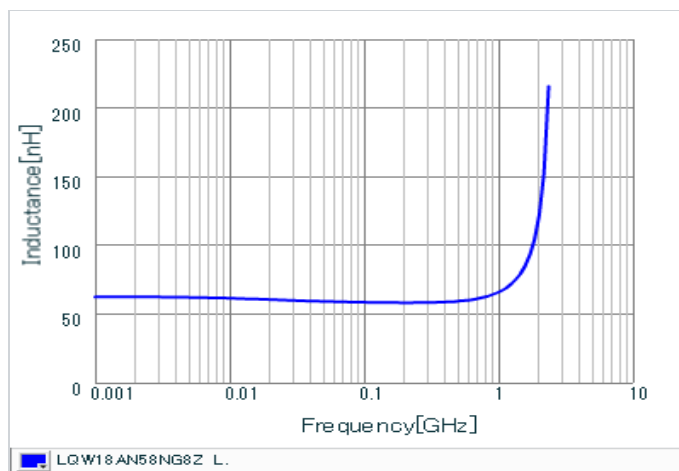


 Attention

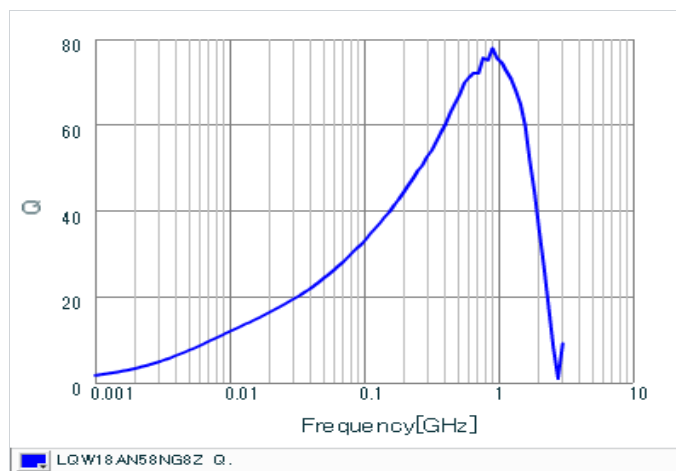
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

■ Inductance-Frequency characteristics (Typ.)



■ Q-Frequency characteristics (Typ.)



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