

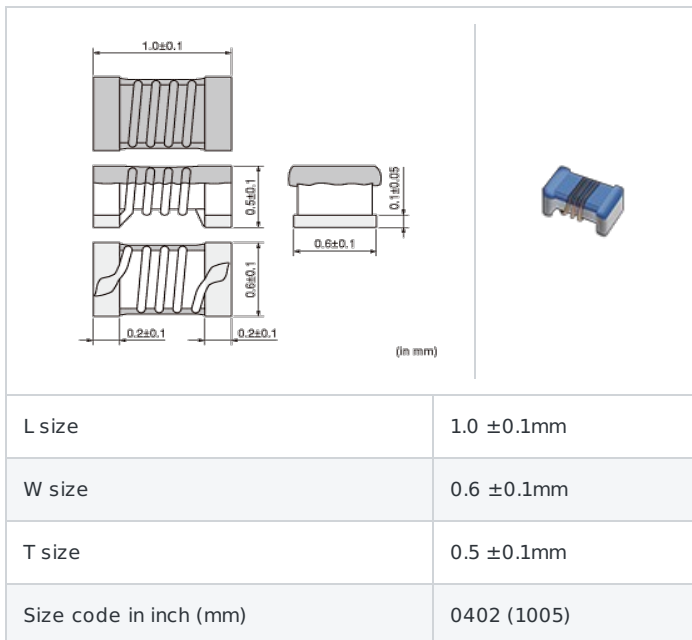
muRata Inductor Data Sheet LQW15AN3N3C80#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQW15AN3N3C80D , LQW15AN3N3C80B

Shape



Notes

In operating temperature exceeding +85°C, derating of current is necessary for LQW15A_80 series.
Please apply the derating curve shown in chart according to the operating temperature.
Please confirm the below "Notice (Rating)".

References

Packaging code	Specifications	Minimum quantity
D	φ 180mm Paper taping	10000
B	Packing in bulk	500

Mass (Typ.)	
1 piece	0.0009g

Specifications

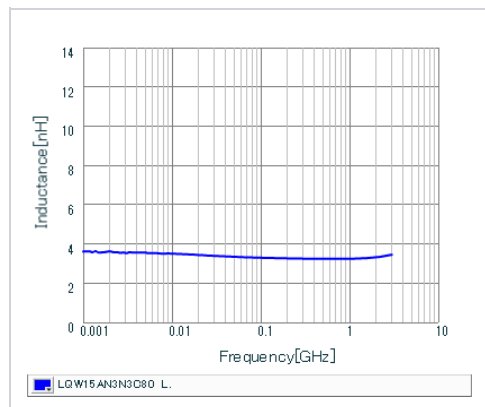
Inductance	3.3nH ±0.2nH
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	2000mA
Max. of DC resistance	0.030Ω
Q (min.)	30
Q test frequency	250MHz
Self resonance frequency (min.)	14.0GHz
Operating temperature range (Self-temperature rise is not included)	-55~125°C

1 of 2

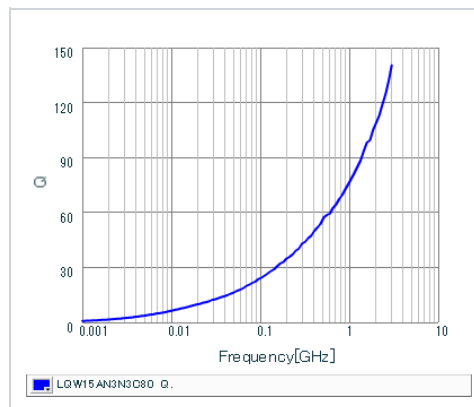
Attention

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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.

" Inductance-Frequency characteristics (Typ.)



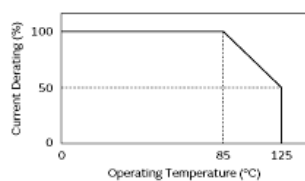
" Q-Frequency characteristics (Typ.)



" Notice (Rating)

In operating temperature exceeding +85°C, derating of current is necessary for LQW15AN_8□ series. Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



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