

# LQW15AN2N5B80#

“#” indicates a package specification code.

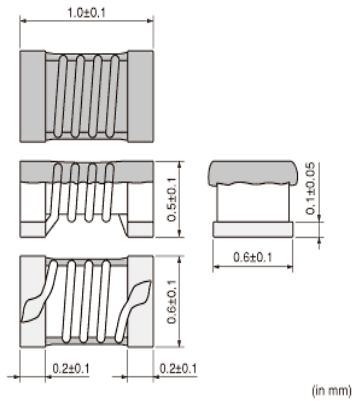
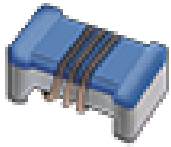
Size Code 1005 (0402) in mm (in inch), Wound Type



< List of part numbers with package codes >

LQW15AN2N5B80B      LQW15AN2N5B80D

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
D	180mm Paper Tape	10000

Mass (typ.)	
1 piece	0.0009g

### Attention

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## Specifications

L size	1.0±0.1mm
W size	0.6±0.1mm
T size	0.5±0.1mm
Size code inch (mm)	0402 (1005)
Inductance	2.5nH±0.1nH
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	2100mA
Max. of DC resistance	0.03Ω
Q(min.)	30
Q Test Frequency	250MHz
Self resonance frequency (min.)	15.5GHz
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Series	LQW15AN_80

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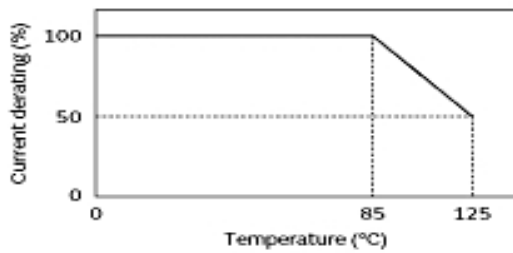
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## Notice For General

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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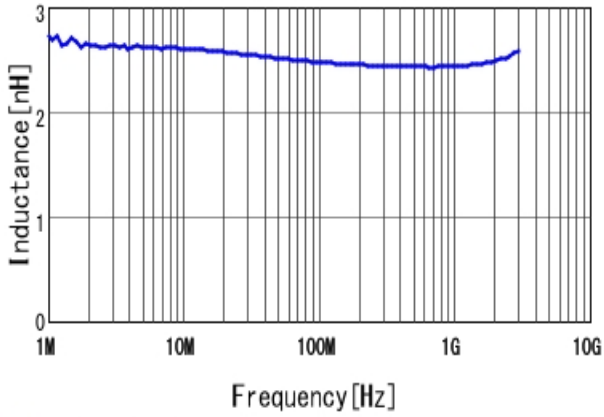
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## Characteristic Data

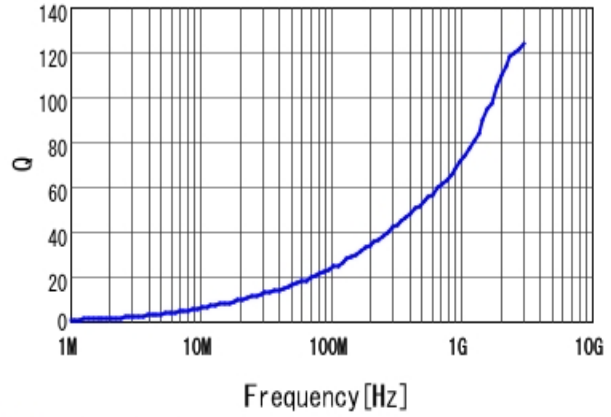
The charts below may show another part number which shares its characteristics.

Frequency Characteristic (L)



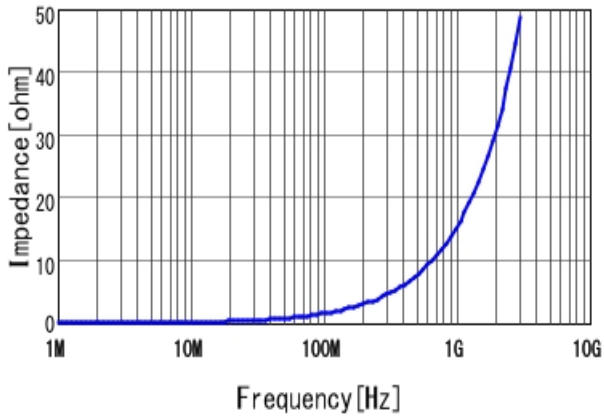
■ LQW15AN2N5B80 L

Frequency Characteristic (Q)



■ LQW15AN2N5B80 Q

Frequency Characteristic (Z)



■ LQW15AN2N5B80 |Z|

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