

LQW15AN7N5G8Z#

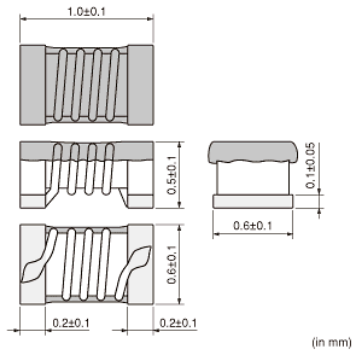
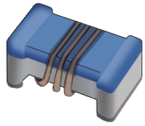
“#” indicates a package specification code.

0402(inch)/1005(mm) size, wound inductor.



< List of part numbers with package codes >
LQW15AN7N5G8ZB LQW15AN7N5G8ZD

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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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.

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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	7.5nH±2%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	1700mA
Max. of DC resistance	0.05Ω
Q(min.)	35
Q Test Frequency	250MHz
Self resonance frequency (min.)	7GHz
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Brand	Murata
Series	LQW15AN_8Z

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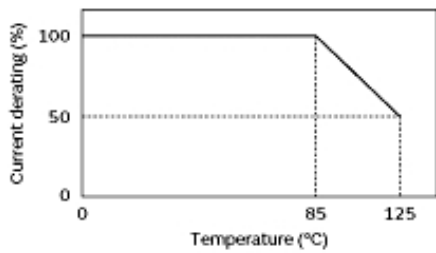


Notice For General

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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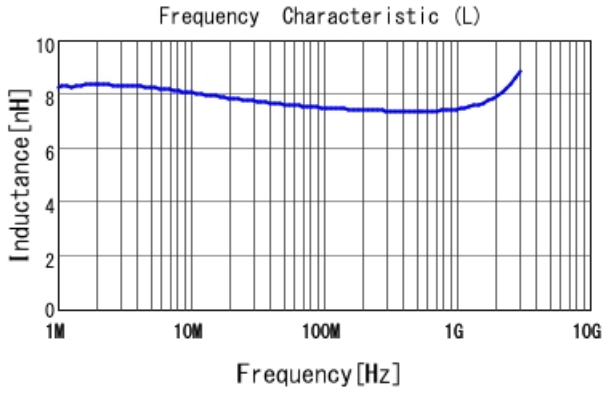
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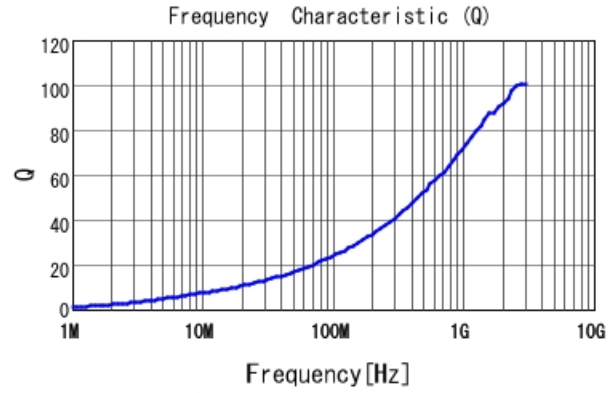


Characteristic Data

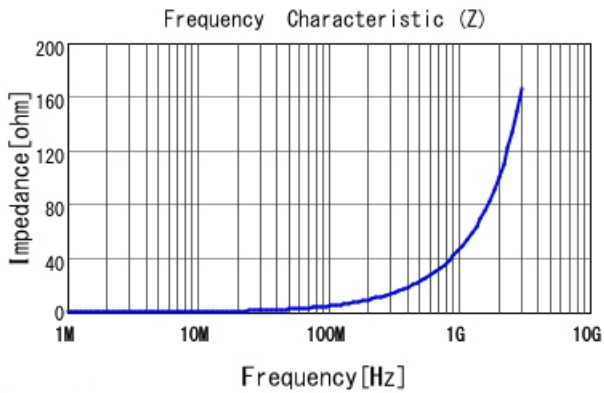
The charts below may show another part number which shares its characteristics.



LQW15AN7N5G8Z L



LQW15AN7N5G8Z Q



LQW15AN7N5G8Z |Z|

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