

# LQW15AN8N2G8Z#

"#" indicates a package specification code.

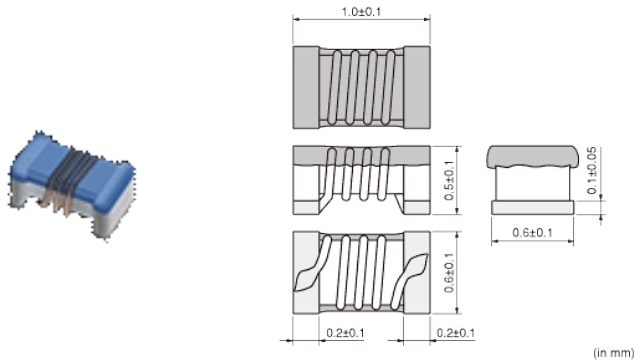
0402(inch)/1005(mm) size, wound inductor.



< List of part numbers with package codes >

LQW15AN8N2G8ZB LQW15AN8N2G8ZD

## Appearance & Shape



## References

Packaging	Specifications	Minimum Order 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.  
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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	8.2nH±2%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	1500mA
Max. of DC resistance	0.069Ω
Q(min.)	32
Q Test Frequency	250MHz
Self resonance frequency (min.)	6.5GHz
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
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



#### Attention

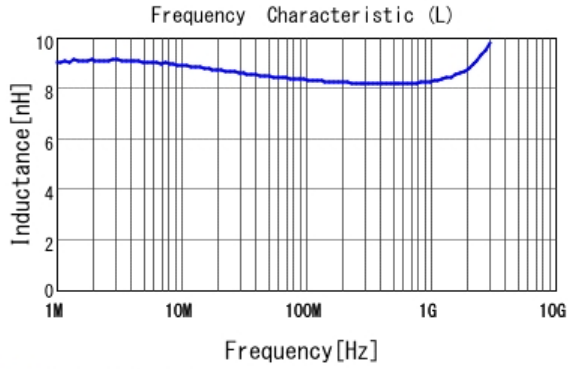
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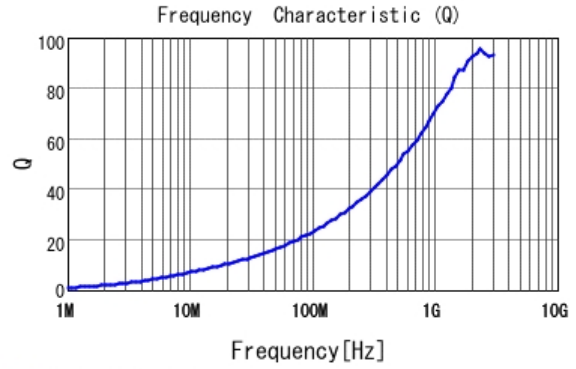
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## Characteristic Data

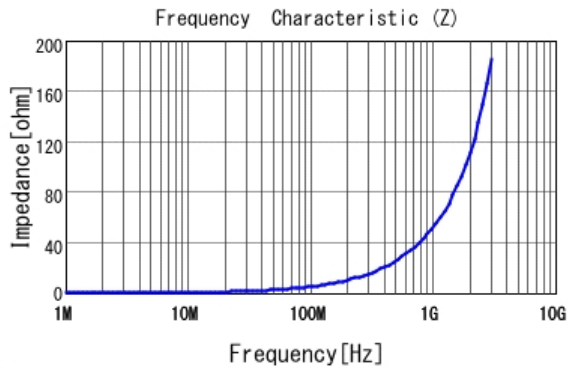
The charts below may show another part number which shares its characteristics.



■ LQW15AN8N2G8Z L



■ LQW15AN8N2G8Z Q



■ LQW15AN8N2G8Z |Z|

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