

LQW15AN4N6G8Z#

“#” indicates a package specification code.

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



< List of part numbers with package codes >

LQW15AN4N6G8ZB LQW15AN4N6G8ZD

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.
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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 | 4.6nH±2% |
| Inductance Test Frequency | 100MHz |
| Rated current (Itemp) (Based on Temperature rise) | 1450mA |
| Max. of DC resistance | 0.06Ω |
| Q(min.) | 32 |
| Q Test Frequency | 250MHz |
| Self resonance frequency (min.) | 9.6GHz |
| Operating Temperature Range(Self-temperature rise is not included) | -55°C to 125°C |
| Brand | Murata |
| Series | LQW15AN_8Z |

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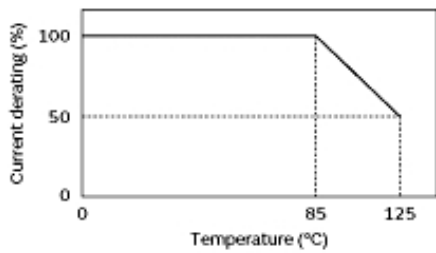


Notice For General

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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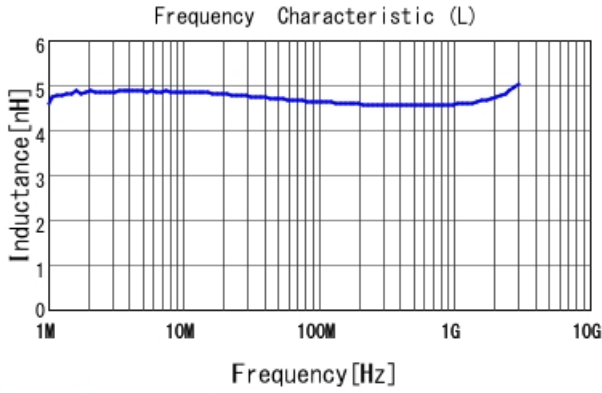
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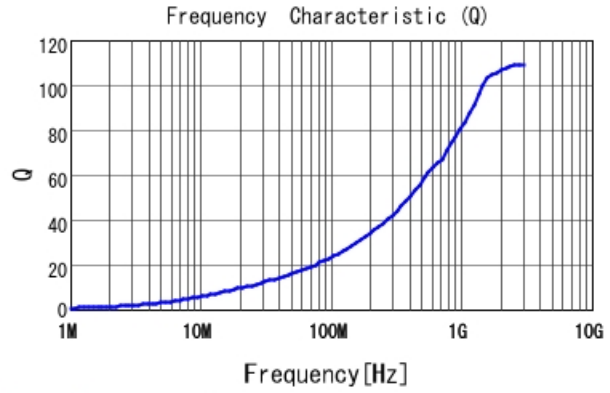


Characteristic Data

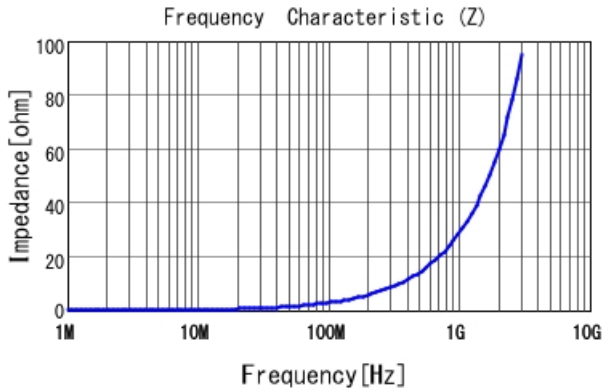
The charts below may show another part number which shares its characteristics.



LQW15AN4N6G8Z L



LQW15AN4N6G8Z Q



LQW15AN4N6G8Z |Z|

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