

LQW15AN12NG8Z#

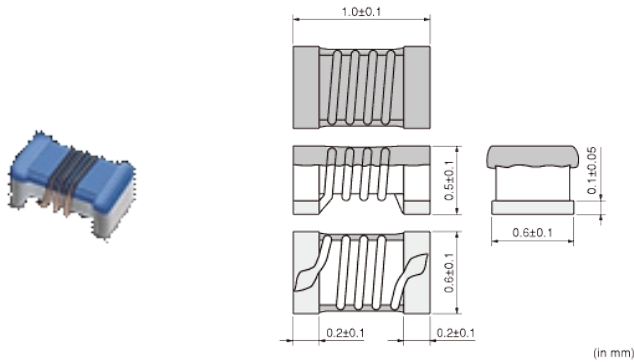
"#" indicates a package specification code.

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



< List of part numbers with package codes >
LQW15AN12NG8ZB LQW15AN12NG8ZD

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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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 | 12nH±2% |
| Inductance Test Frequency | 100MHz |
| Rated current (Itemp) (Based on Temperature rise) | 1240mA |
| Max. of DC resistance | 0.093Ω |
| Q(min.) | 30 |
| Q Test Frequency | 250MHz |
| Self resonance frequency (min.) | 5.2GHz |
| 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

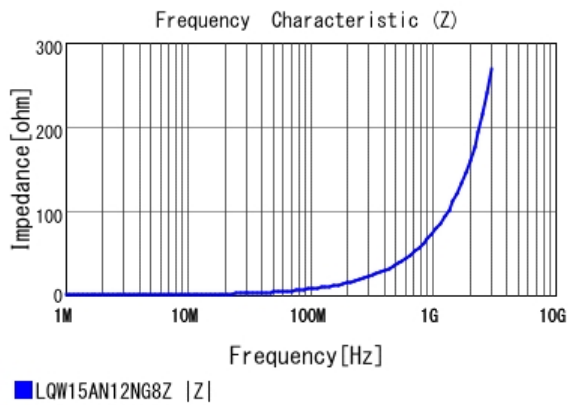
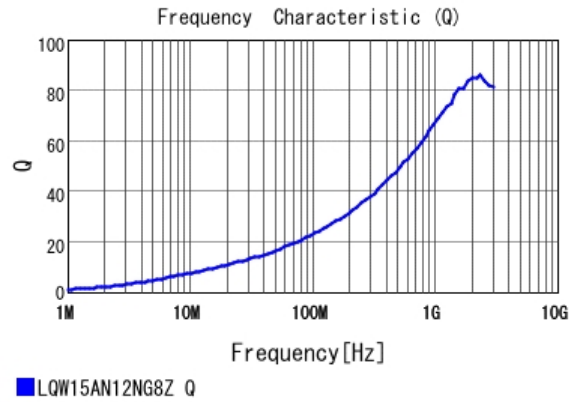
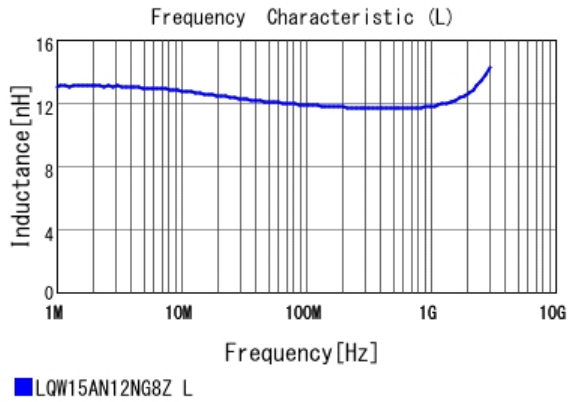
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Characteristic Data

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



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