

LQW15AN21NG80#

“#” indicates a package specification code.

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



< List of part numbers with package codes >

LQW15AN21NG80B LQW15AN21NG80D

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.
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 | 21nH±2% |
| Inductance Test Frequency | 100MHz |
| Rated current (Itemp) (Based on Temperature rise) | 780mA |
| Max. of DC resistance | 0.202Ω |
| Q(min.) | 30 |
| Q Test Frequency | 250MHz |
| Self resonance frequency (min.) | 4.5GHz |
| Operating Temperature Range(Self-temperature rise is not included) | -55°C to 125°C |
| Series | LQW15AN_80 |

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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

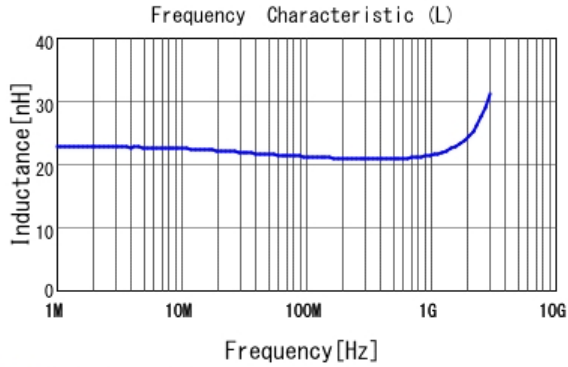
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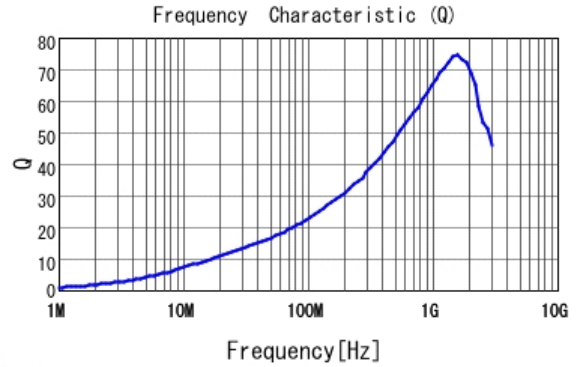
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Characteristic Data

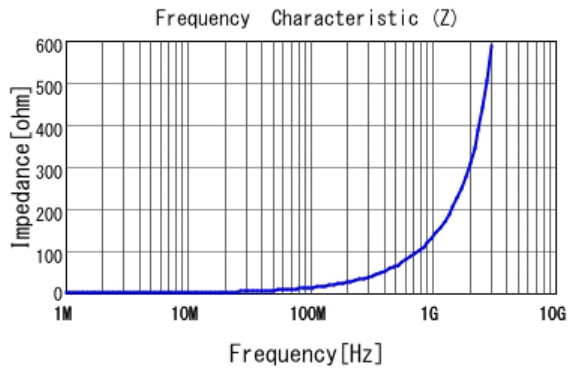
The charts below may show another part number which shares its characteristics.



■ LQW15AN21NG80 L



■ LQW15AN21NG80 Q



■ LQW15AN21NG80 |Z|

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