

LQW18AN4N7B80#

“#” indicates a package specification code.

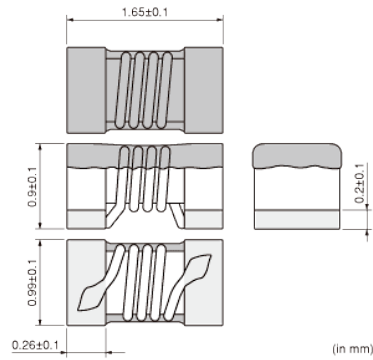
High Frequency Inductor with Low DC resistance and High Current Capability



< List of part numbers with package codes >

LQW18AN4N7B80B LQW18AN4N7B80J LQW18AN4N7B80D

Appearance & Shape



References

| Packaging | Specifications | Minimum Order Quantity |
|-----------|------------------|------------------------|
| B | Bulk(Bag) | 500 |
| J | 330mm Paper Tape | 10000 |
| D | 180mm Paper Tape | 4000 |

| Mass (typ.) | |
|-------------|---------|
| 1 piece | 0.0034g |

Attention

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Specifications

| | |
|--|----------------|
| L size | 1.65±0.1mm |
| W size | 0.99±0.1mm |
| T size | 0.9±0.1mm |
| Size code inch (mm) | 0603 (1608) |
| Inductance | 4.7nH±0.1nH |
| Inductance Test Frequency | 100MHz |
| Rated current (Itemp) (Based on Temperature rise) | 1500mA |
| Max. of DC resistance | 0.054Ω |
| Q(min.) | 25 |
| Q Test Frequency | 250MHz |
| Self resonance frequency (min.) | 10400MHz |
| Operating Temperature Range(Self-temperature rise is not included) | -55°C to 125°C |
| Series | LQW18AN_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

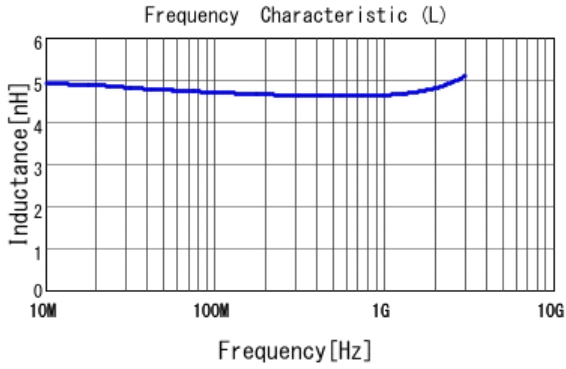
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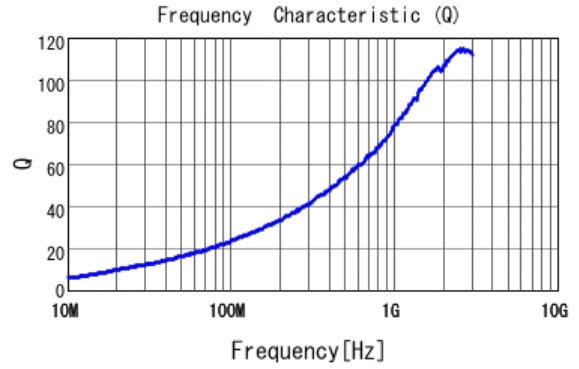
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Characteristic Data

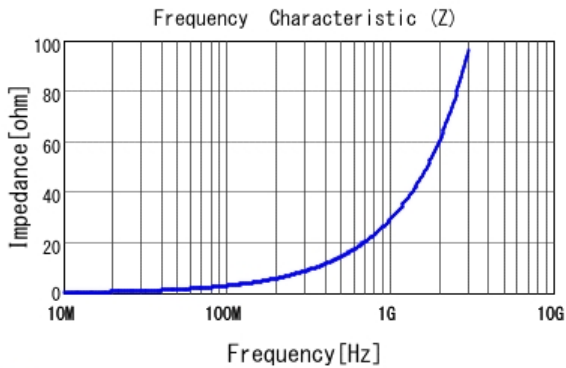
The charts below may show another part number which shares its characteristics.



■ LQW18AN4N7B80 L



■ LQW18AN4N7B80 Q



■ LQW18AN4N7B80 |Z|

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