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 $\label{eq:please} Please \ download \ the \ latest \ data sheet \ of \ LQW15AN11NJ80\# \ from \ the \ official \ website \ of \ Murata$

http://www.murata.com/en-gb/products/productdetail?partno=LQW15AN11NJ80%23

"#"at the end indicates the package specification code.

LQW15AN11NJ80#

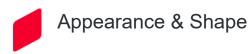
Size Code 1005 (0402) in mm (in inch), Wound Type



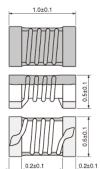
< List of part numbers with package codes > LQW15AN11NJ80B LQW15AN11NJ80D

Applications

| Unsuitable | Please be sure to read and comply with | |
|--------------|--|--|
| Applications | these "Precautions for use." | |
| | Consumer equipment,Medical | |
| | equipment [GHTF A/B/C] except for | |
| | implant & surgery & auto injector, | |
| | Industrial equipment except for | |
| | transportation & facility & energy | |
| | equipment | |
| Specific | Please refer to Our Website and | |
| Applications | specifications, etc. for information about | |
| | the performance, functions, quality, | |
| | management, and safety required for | |
| | the above applications, and use | |
| | Products after confirming the | |
| | performance and reliability of the actual | |
| | Product. | |
| Recommended | Commence and in sector | |
| Applications | Consumer equipment | |







| (| ~~~ | | 0.05 |
|---|---------|---|------|
| | | | 0.1± |
| | | | + |
| - | 0.6±0.1 | - | |

(in mm)

References

| | | Standard |
|-----------|------------------|----------|
| Packaging | Specifications | Packing |
| | | Quantity |
| В | Bulk(Bag) | 500 |
| D | 180mm Paper Tape | 10000 |

| Mass (typ.) | | |
|-------------|---------|--|
| 1 piece | 0.0009g | |

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without advance notice. Please check with our sales representatives or product engineers before ordering.

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 | 11nH±5% |
| Inductance Test Frequency | 100MHz |
| Rated current (Itemp) (Based on Temperature rise) | 1400mA |
| Max. of DC resistance | 0.083Ω |
| Operating Temperature Range(Self-temperature rise is not included) | -55℃ to 125℃ |
| Class of magnetic shield | Non-Shielded |
| Q(min.) | 32 |
| Q Test Frequency | 250MHz |
| Self resonance frequency (min.) | 6.2GHz |
| Brand | Murata |
| Series | LQW15AN_80 |

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Product Search Data Sheet



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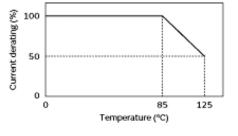
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In operating temperatures exceeding +85°C, derating of current is necessary for this series. Please apply the derating curve shown in the chart according to the operating temperature.

Derating of Rated Current



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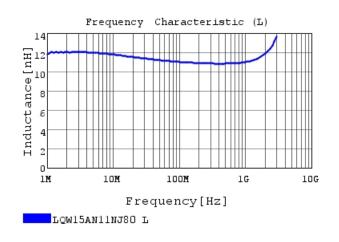
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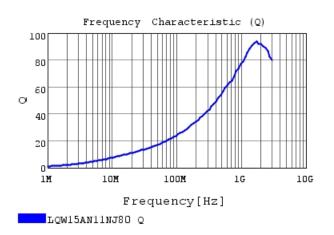
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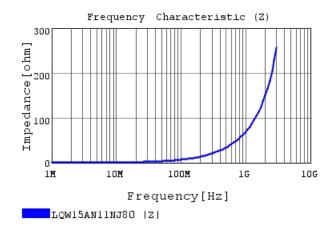
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Characteristic Data

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







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