

Note: This datasheet may be out of date. Please download the latest datasheet of LQW04AN52NJ10# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LQW04AN52NJ10%23

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

LQW04AN52NJ10#

Size Code 0804 (03015) in mm (in inch), Wound Type



< List of part numbers with package codes > LQW04AN52NJ10B LQW04AN52NJ10D

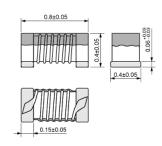
Applications

| 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 | Consumer equipment | |
| Applications | | |



Appearance & Shape





(in mm)



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

| Mass (typ.) | | |
|-------------|---------|--|
| 1 piece | 0.0003g | |

Attention

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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.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





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Specifications

| L size | 0.8±0.05mm |
|--|--------------|
| W size | 0.4±0.05mm |
| T size | 0.4±0.05mm |
| Size code inch (mm) | 03015 (0804) |
| Inductance | 52nH±5% |
| Inductance Test Frequency | 100MHz |
| Rated current (Itemp) (Based on Temperature rise) | 180mA |
| Max. of DC resistance | 1.32Ω |
| Operating Temperature Range(Self-temperature rise is not included) | -55℃ to 125℃ |
| Class of magnetic shield | Non-Shielded |
| Q(min.) | 15 |
| Q Test Frequency | 250MHz |
| Self resonance frequency (min.) | 1.4GHz |
| Brand | Murata |
| Series | LQW04AN_10 |

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Product Search Data Sheet

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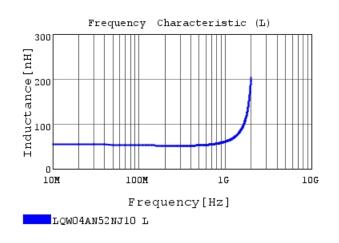
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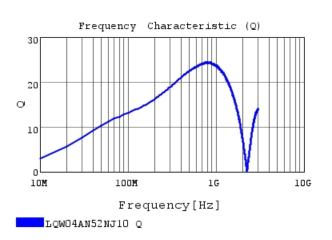
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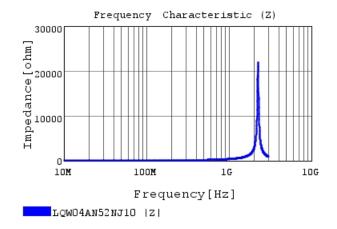
Characteristic Data

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







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