

Note: This datasheet may be out of date. Please download the latest datasheet of LQH44NN1R0M03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LQH44NN1R0M03%23

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

Size Code 4040 (1515) in mm (in inch), General use



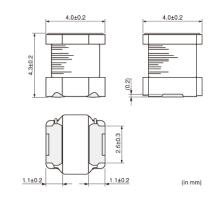
< List of part numbers with package codes > LQH44NN1R0M03K LQH44NN1R0M03L

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 | | |









Notices

When rated current is applied to the products, inductance will be within ±30% of initial inductance value. When rated current is applied to the products, the temperature rise caused by selfgenerated heat shall be limited to 40°C max.

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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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References

| Packaging | Specifications | Standard Packing |
|-----------|------------------|---------------------|
| | | Quantity |
| К | 330Embossed Tape | 1500 |
| L | 180Embossed Tape | 250 |

| Mass (typ.) | |
|-------------|-------|
| 1 piece | 0.26g |

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Specifications

| L size | 4.0±0.2mm |
|--|--------------|
| W size | 4.0±0.2mm |
| T size | 4.3±0.2mm |
| Size code inch (mm) | 1515 (4040) |
| Inductance | 1µH±20% |
| Inductance Test Frequency | 1kHz |
| Rated current (Itemp) (Based on Temperature rise) | 3.30A |
| Max. of DC resistance | 0.0156Ω |
| DC resistance | 0.012Ω±30% |
| Operating Temperature Range (Self-temperature rise is included) | -40℃ to 125℃ |
| Operating Temperature Range(Self-temperature rise is not included) | -40℃ to 85℃ |
| Class of magnetic shield | Non-Shielded |
| Self resonance frequency (min.) | 90MHz |
| Brand | Murata |
| Series | LQH44NN_03 |

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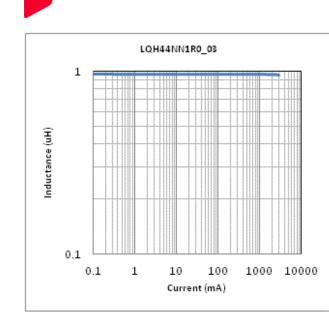


Characteristic Data

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Impedance - Current Characteristics

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