

LQH66SN2R2M03#

“#” indicates a package specification code.

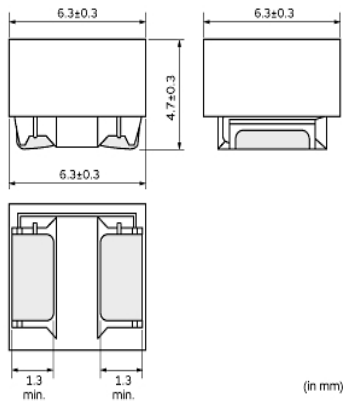
Closed Magnetic Circuit



< List of part numbers with package codes >

LQH66SN2R2M03L LQH66SN2R2M03K

Appearance & Shape



References

| Packaging | Specifications | Standard Packing Quantity |
|-----------|------------------|---------------------------|
| L | 180Embossed Tape | 350 |
| K | 330Embossed Tape | 1500 |

| Mass (typ.) | |
|-------------|-------|
| 1 piece | 0.71g |

Notices

When rated current is applied to the products, inductance will be within $\pm 10\%$ of initial inductance value. When rated current is applied to the products, the temperature rise caused by self-generated heat shall be limited to 40°C max.

Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued 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 | 6.3±0.3mm |
| W size | 6.3±0.3mm |
| T size | 4.7±0.3mm |
| Size code inch (mm) | 2525 (6363) |
| Inductance | 2.2μH±20% |
| Inductance Test Frequency | 1MHz |
| Rated current (Itemp) (Based on Temperature rise) | 3.3A |
| Max. of DC resistance | 0.0266Ω |
| Class of magnetic shield | Ferrite Core |
| Self resonance frequency (min.) | 80MHz |
| Operating Temperature Range(Self-temperature rise is not included) | -40°C to 80°C |
| DC Resistance Intermediate Values | 0.019Ω±40% |
| Series | LQH66SN_03 |

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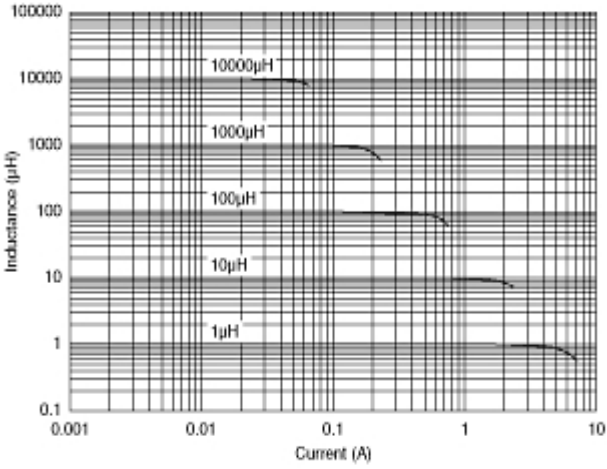
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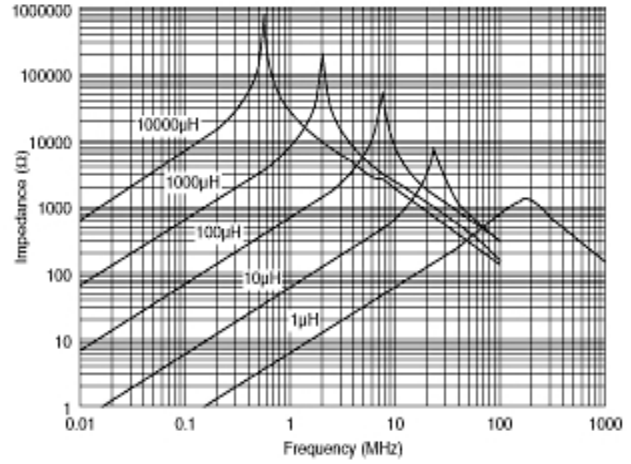
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Characteristic Data



Impedance - Current Characteristics



Impedance - Frequency Characteristics

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