

LQM21FN470N00#

“#” indicates a package specification code.

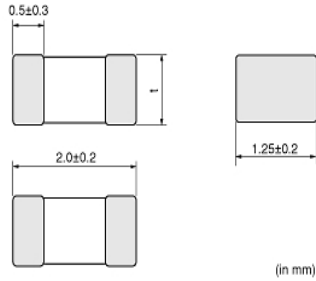
Bias Current Characteristics Improved



< List of part numbers with package codes >

LQM21FN470N00B LQM21FN470N00K LQM21FN470N00L

Appearance & Shape



| Dimension of t | Inductance: 1.0 to 2.2μH | 0.85±0.2 |
|----------------|--------------------------|----------|
| | Inductance: 4.7 to 47μH | 1.25±0.2 |

(in mm)

References

| Packaging | Specifications | Standard Packing Quantity |
|-----------|------------------|---------------------------|
| B | Bulk(Bag) | 1000 |
| K | 330Embossed Tape | 10000 |
| L | 180Embossed Tape | 3000 |

| Mass (typ.) | |
|-------------|--------|
| 1 piece | 0.016g |

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.

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Specifications

| | |
|--|---------------|
| L size | 2.0±0.2mm |
| W size | 1.25±0.2mm |
| T size | 1.25±0.2mm |
| Size code inch (mm) | 0805 (2012) |
| Inductance | 47μH±30% |
| Inductance Test Frequency | 1MHz |
| Rated current (Itemp) (Based on Temperature rise) | 7mA |
| Max. of DC resistance | 0.78Ω |
| Class of magnetic shield | Ferrite Core |
| Self resonance frequency (min.) | 7.5MHz |
| Operating Temperature Range(Self-temperature rise is not included) | -40°C to 85°C |
| DC Resistance Intermediate Values | 0.60Ω±30% |
| Series | LQM21FN_00 |

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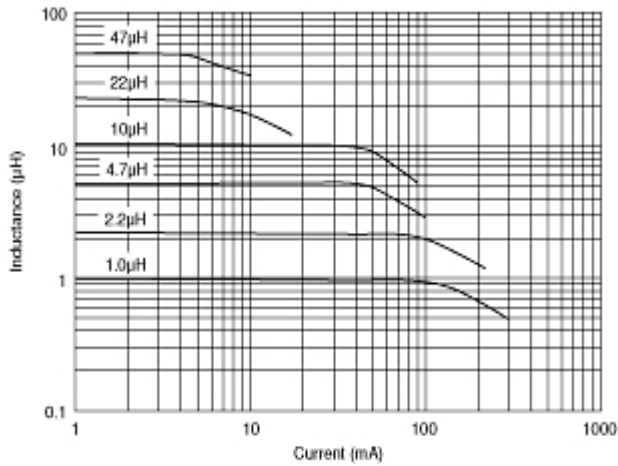
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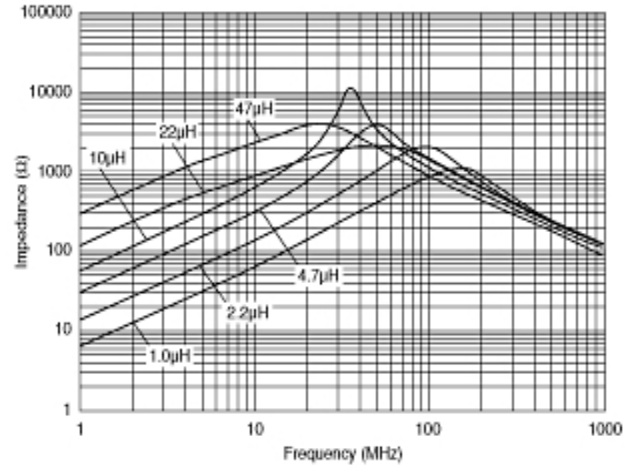
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Characteristic Data



Impedance - Current Characteristics



Impedance - Frequency Characteristics

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