muRata Inductor Data Sheet

LQM21FN100N00# "#" indicates a package specification code.



< List of part numbers with package codes >

LQM21FN100N00L , LQM21FN100N00K , LQM21FN100N00B



| 0.5±0.3 2.0±0.2 (in mm) Dimension of t Inductance: 1.0 to 2.2µH 0.85±0.2 Inductance: 4.7 to 47µH 1.25±0.2 | |
|---|-------------|
| L size | 2.0 ±0.2mm |
| W size | 1.25 ±0.2mm |
| T size | 1.25 ±0.2mm |
| Size code in inch (mm) | 0805 (2012) |

| References |
|------------|

| Packaging code | Specifications | Minimum quantity |
|-------------------|------------------------|------------------|
| L | ф180mm Embossed taping | 3000 |
| К | ф330mm Embossed taping | 10000 |
| В | Packing in bulk | 1000 |

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

Specifications

| Inductance | 10μH ±30% |
|---|--------------|
| Inductance test frequency | 1MHz |
| Rated current (Itemp) (Based on Temperature rise) | 60mA |
| Max. of DC resistance | 0.65Ω |
| Avg. of DC resistance | 0.50Ω±30% |
| Self resonance frequency (min.) | 15MHz |
| Operating temperature range (Self-temperature rise is not included) | -40~85°C |
| Class of magnetic shield | Ferrite Core |
| Series | LQM21FN_00 |

🔔 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

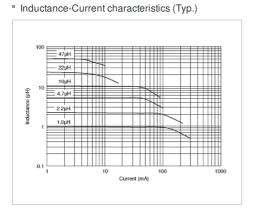
without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This datasheet has only typical specifications because there is no space for detailed specifications.

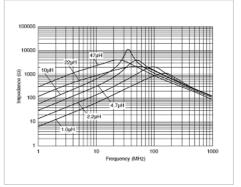
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Impedance-Frequency characteristics (Typ.)



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