

# LQH55DN101M03#

“#” indicates a package specification code.

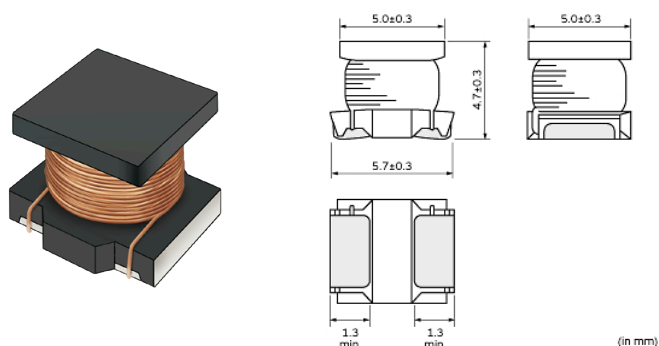
## Large Current



## < List of part numbers with package codes >

LQH55DN101M03K      LQH55DN101M03L

## Appearance & Shape



## References

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

| Mass (typ.) |       |
|-------------|-------|
| 1 piece     | 0.48g |

## Notices

When rated current is applied to the products, inductance will be within  $\pm 40\%$  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                                                                   | 5.7±0.3mm     |
| W size                                                                   | 5.0±0.3mm     |
| T size                                                                   | 4.7±0.3mm     |
| Size code inch (mm)                                                      | 2220 (5750)   |
| Inductance                                                               | 100μH±20%     |
| Inductance Test Frequency                                                | 100kHz        |
| Rated current (Itemp)<br>(Based on Temperature rise)                     | 0.56A         |
| Max. of DC resistance                                                    | 1.204Ω        |
| Class of magnetic shield                                                 | No Shield     |
| Self resonance frequency<br>(min.)                                       | 6.5MHz        |
| Operating Temperature<br>Range(Self-temperature rise<br>is not included) | -40°C to 80°C |
| Brand                                                                    | Murata        |
| DC Resistance Intermediate<br>Values                                     | 0.86Ω±40%     |
| Series                                                                   | LQH55DN_03    |

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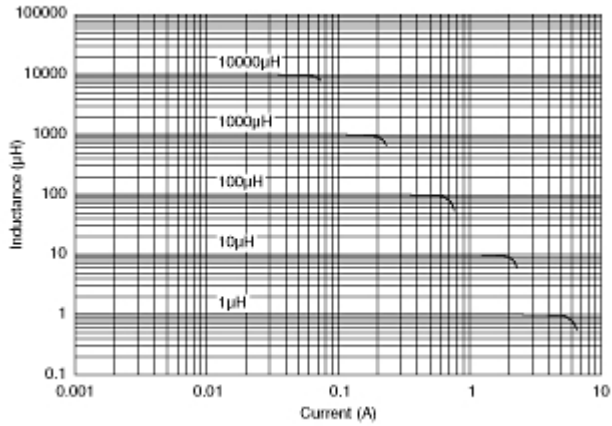
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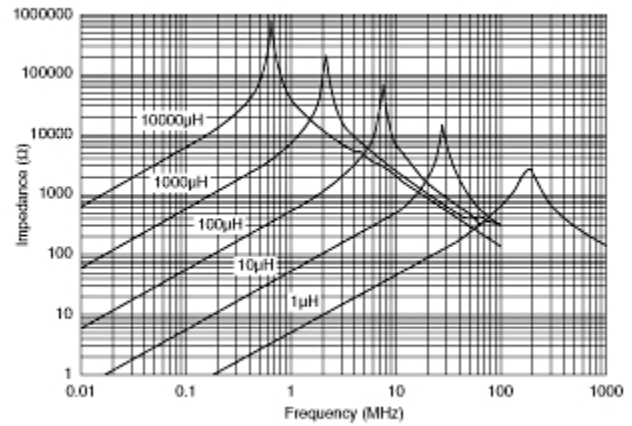
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## Characteristic Data



Impedance - Current Characteristics



Impedance - Frequency Characteristics

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