

# LQW15DN100M00#

"#" indicates a package specification code.

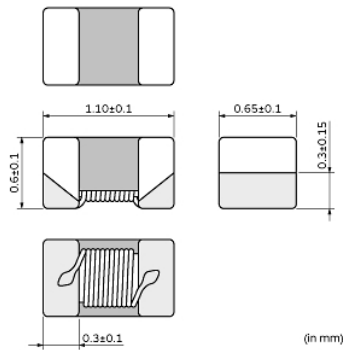
For RF Choke, Voltage Conversion



< List of part numbers with package codes >

LQW15DN100M00B      LQW15DN100M00D

## Appearance & Shape



## References

| Packaging | Specifications   | Standard Packing Quantity |
|-----------|------------------|---------------------------|
| B         | Bulk(Bag)        | 500                       |
| D         | 180mm Paper Tape | 8000                      |

| Mass (typ.) |        |
|-------------|--------|
| 1 piece     | 0.002g |

## Notices

When rated current is applied to the products, inductance will be within  $\pm 30\%$  of nominal 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  | 1.1±0.1mm      |
| W size  | 0.65±0.1mm     |
| T size  | 0.6±0.1mm      |
| Size code inch (mm)                               | 0402 (1005)    |
| Inductance  | 10μH±20%       |
| Inductance Test Frequency                         | 10MHz          |
| Rated current (Isat) (Based on Inductance change) | 120mA          |
| Rated current (Itemp) (Based on Temperature rise) | 120mA          |
| Max. of DC resistance                             | 5.405Ω         |
| Class of magnetic shield                          | Magnetic Resin |
| Self resonance frequency (min.)                   | 20MHz          |
| Brand   | Murata         |
| DC Resistance Intermediate Values                 | 4.7Ω±15%       |
| Operating Temperature Range                       | -40°C to 85°C  |
| Series  | LQW15DN_00     |

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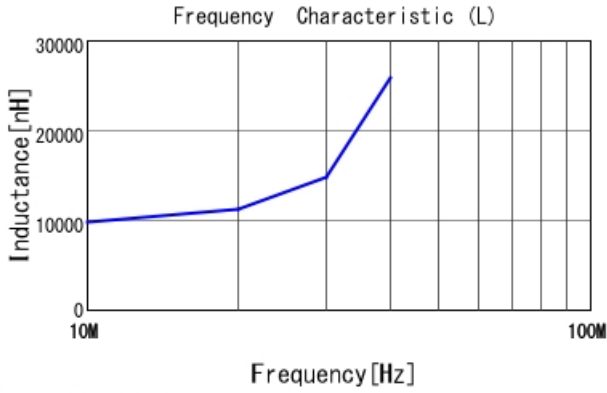
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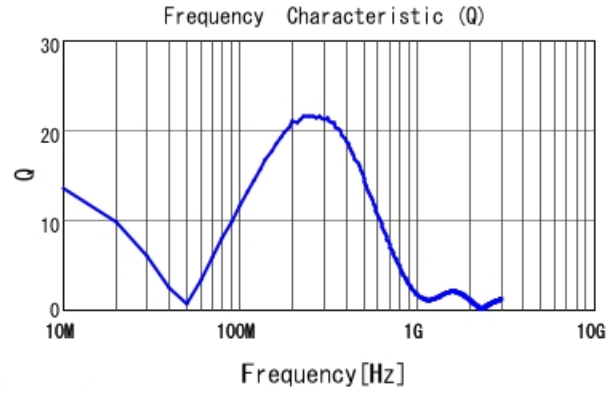


## Characteristic Data

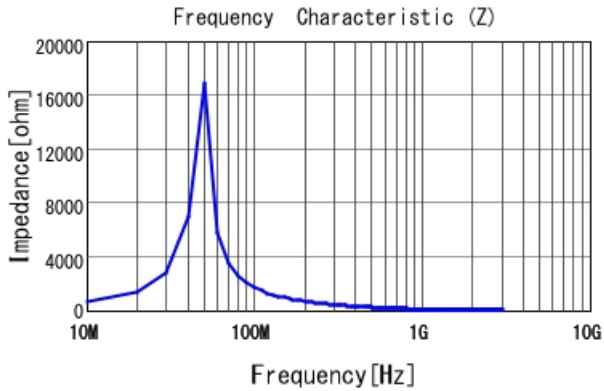
The charts below may show another part number which shares its characteristics.



LQW15DN100M00 L



LQW15DN100M00 Q



LQW15DN100M00 |Z|

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