

# LQW2BANR10G00#

"#" indicates a package specification code.

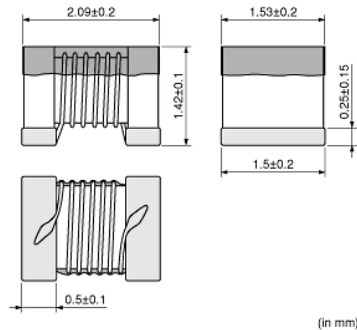
0805(inch)/2015(mm) size, horizontal wound inductor.



< List of part numbers with package codes >

LQW2BANR10G00B LQW2BANR10G00L LQW2BANR10G00K

## Appearance & Shape



## References

| Packaging | Specifications   | Minimum Order Quantity |
|-----------|------------------|------------------------|
| B         | Bulk(Bag)        | 500                    |
| L         | 180Embossed Tape | 2000                   |
| K         | 330Embossed Tape | 8000                   |

| Mass (typ.) |        |
|-------------|--------|
| 1 piece     | 0.014g |

## Notices

Please consider 'Notice (Rating).' When rated current is applied to the products, self-temperature rise 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.
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Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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## Specifications

|   |                |
|---|----------------|
| L size  | 2.09±0.2mm     |
| W size  | 1.53±0.2mm     |
| T size  | 1.42±0.1mm     |
| Size code inch (mm)   | 0805 (2015)    |
| Inductance  | 100nH±2%       |
| Inductance Test Frequency                                       | 150MHz         |
| Rated current (Itemp) (Based on Temperature rise)               | 1050mA         |
| Max. of DC resistance   | 0.35Ω          |
| Operating Temperature Range (Self-temperature rise is included) | -55°C to 125°C |
| Q(min.)   | 66             |
| Q Test Frequency  | 500MHz         |
| Self resonance frequency (min.)                                 | 1200MHz        |
| Series  | LQW2BAN_00     |

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## Notice For General

**In operating temperatures exceeding +85°C, derating of current is necessary for this series.**

**Please apply the derating curve shown in the chart according to the operating temperature.**

### Derating of Rated Current



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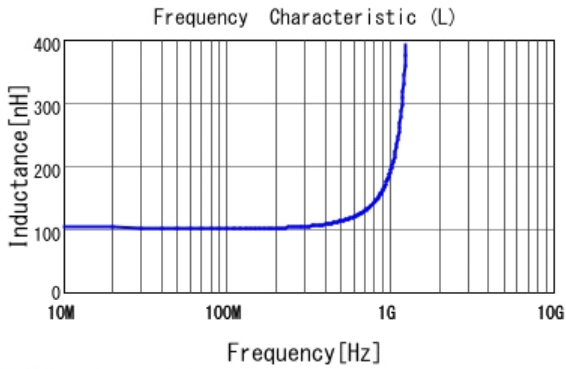
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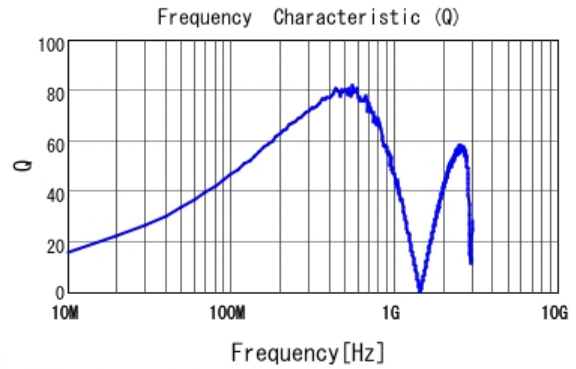
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## Characteristic Data

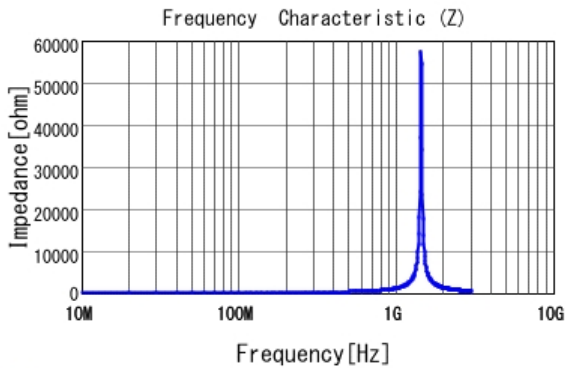
The charts below may show another part number which shares its characteristics.



■ LQW2BANR10G00 L



■ LQW2BANR10G00 Q



■ LQW2BANR10G00 |Z|

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