

# LQM2MPN2R2NG0#

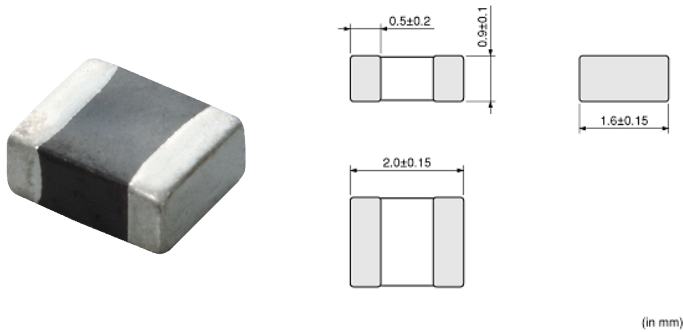
“#” indicates a package specification code.

Size Code 2016 (0806) in mm (in inch), 1.0mm max. Thickness



< List of part numbers with package codes >  
LQM2MPN2R2NG0L LQM2MPN2R2NG0B

## Appearance & Shape



## References

| Packaging | Specifications   | Minimum Order Quantity |
|-----------|------------------|------------------------|
| L         | 180Embossed Tape | 3000                   |
| B         | Bulk(Bag)        | 1000                   |

| Mass (typ.) |        |
|-------------|--------|
| 1 piece     | 0.012g |

## Notices

Please consider 'Notice (Rating).' 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.
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## Specifications

|   |   |
|---|---|
| L size  | 2.0±0.15mm                                      |
| W size  | 1.6±0.15mm                                      |
| T size  | 0.9±0.1mm                                       |
| Size code inch (mm)                               | 0806 (2016)                                     |
| Inductance  | 2.2μH±30%                                       |
| Inductance Test Frequency                         | 1MHz  |
| Rated current (Itemp) (Based on Temperature rise) | 1.2A(Ambient temp.85°C)0.9A(Ambient temp.125°C) |
| Max. of DC resistance                             | 0.138Ω  |
| Class of magnetic shield                          | Ferrite Core                                    |
| Self resonance frequency (min.)                   | 40MHz   |
| DC Resistance Intermediate Values                 | 0.11Ω(typ.)                                     |
| Operating Temperature Range                       | -55°C to 125°C                                  |
| Series  | LQM2MPN_G0                                      |

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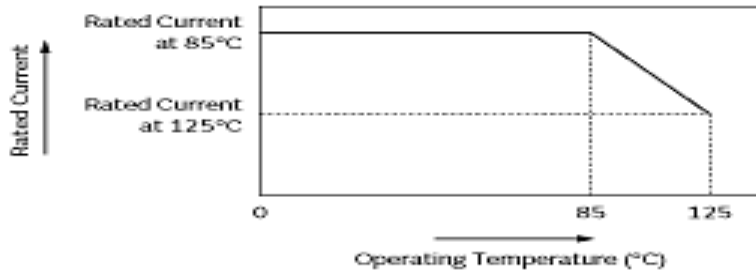
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## Notice For General

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



#### Attention

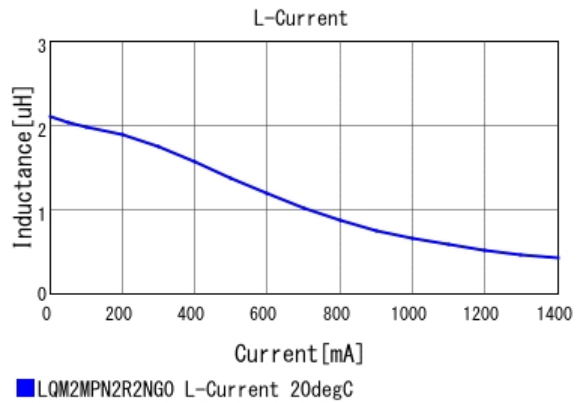
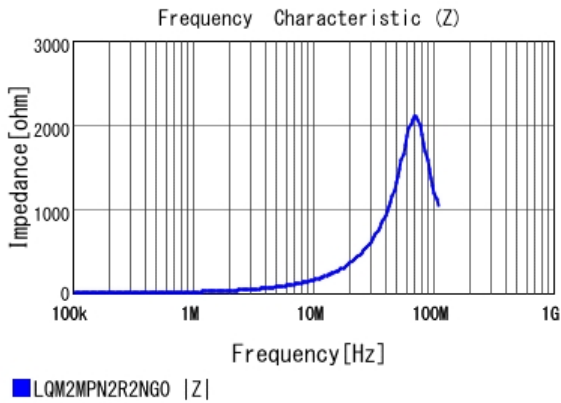
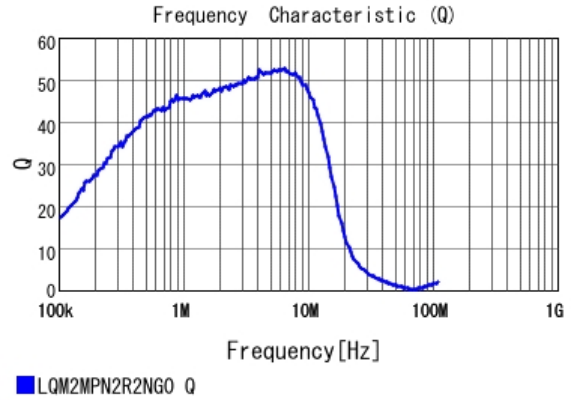
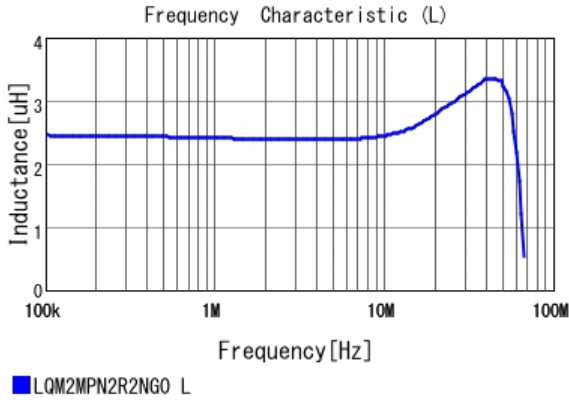
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## Characteristic Data

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

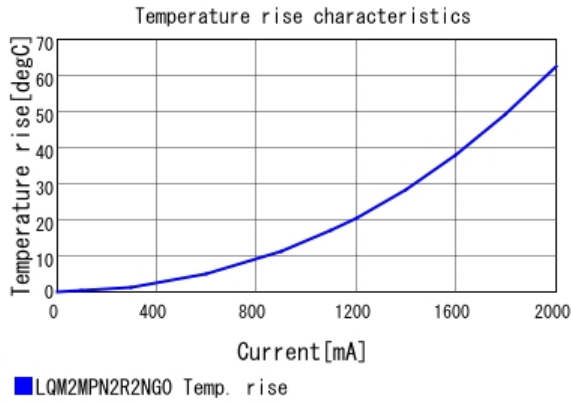


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