

LQM2MPN4R7MG0#

“#” indicates a package specification code.

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

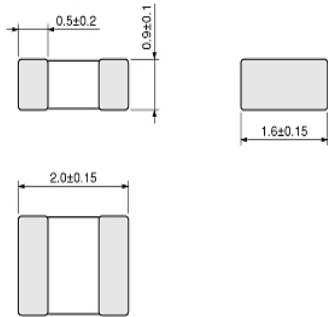
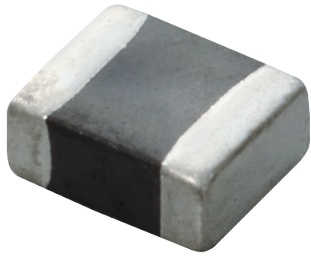


< List of part numbers with package codes >

LQM2MPN4R7MG0L

LQM2MPN4R7MG0B

Appearance & Shape



(in mm)

References

| Packaging | Specifications | Standard Packing 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

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- 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 | 2.0±0.15mm |
| W size | 1.6±0.15mm |
| T size | 0.9±0.1mm |
| Size code inch (mm) | 0806 (2016) |
| Inductance | 4.7μH±20% |
| Inductance Test Frequency | 1MHz |
| Rated current (Itemp) (Based on Temperature rise) | 1.1A(Ambient temp.85°C)0.8A (Ambient temp.125°C) |
| Max. of DC resistance | 0.175Ω |
| Class of magnetic shield | Ferrite Core |
| Self resonance frequency (min.) | 20MHz |
| DC Resistance Intermediate Values | 0.14Ω(typ.) |
| Operating Temperature Range | -55°C to 125°C |
| Series | LQM2MPN_G0 |

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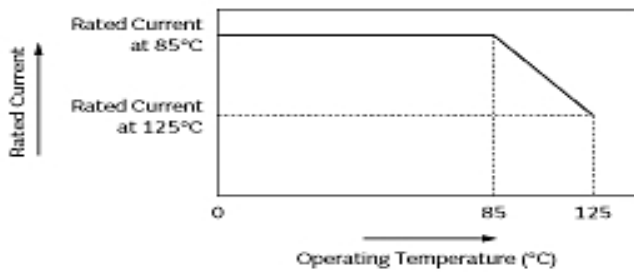
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Notice For General

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

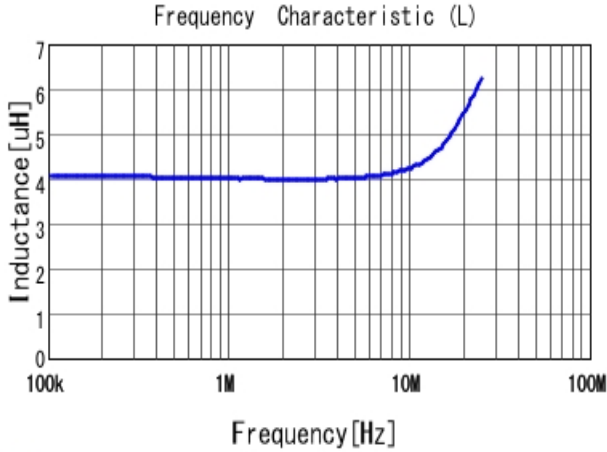
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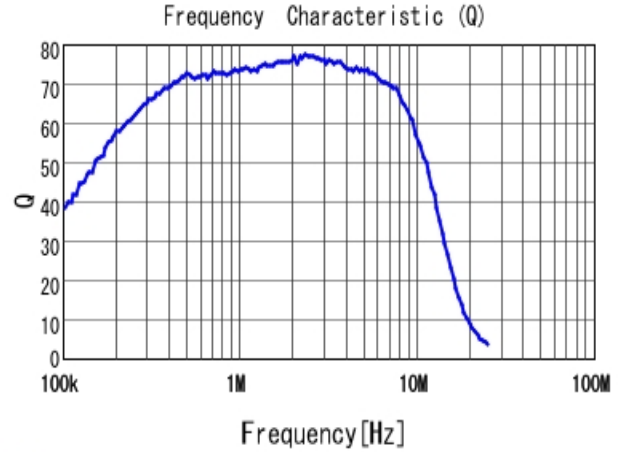
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Characteristic Data

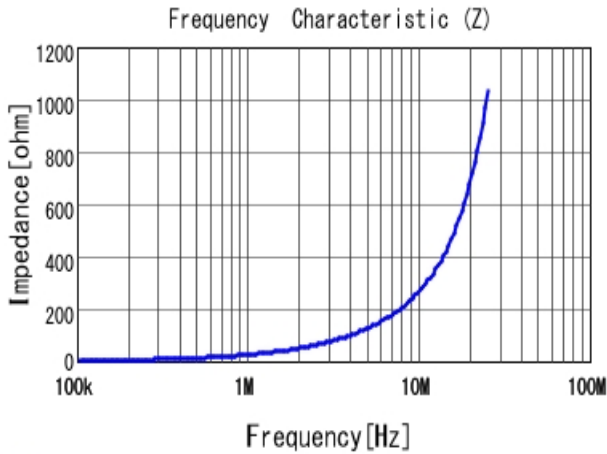
The charts below may show another part number which shares its characteristics.



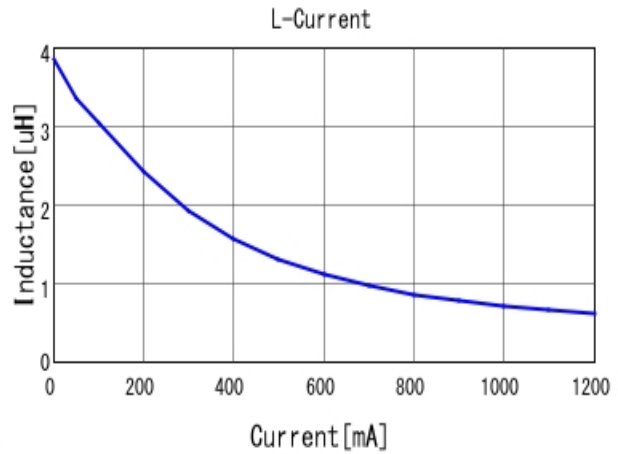
■ LQM2MPN4R7MG0 L



■ LQM2MPN4R7MG0 Q



■ LQM2MPN4R7MG0 |Z|



■ LQM2MPN4R7MG0 L-Current 20degC

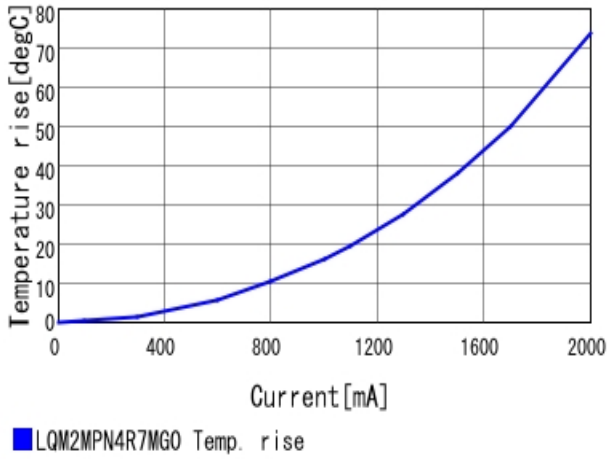
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Temperature rise characteristics



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