

# LQM2HPN3R3MG0#

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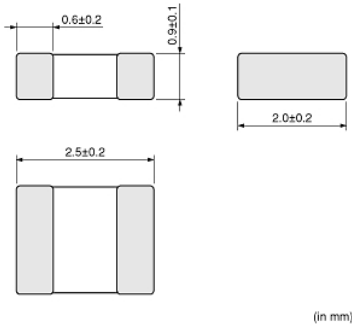
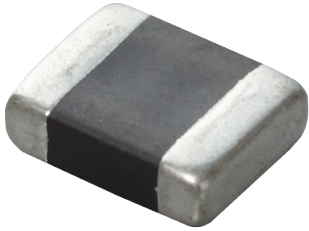
Size Code 2520 (1008) in mm (in inch), 1.0mm max. Thickness



< List of part numbers with package codes >

LQM2HPN3R3MG0B      LQM2HPN3R3MG0L

## Appearance & Shape



## References

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

| Mass (typ.) |        |
|-------------|--------|
| 1 piece     | 0.022g |

## 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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## Specifications

|                                                      |                                                     |
|------------------------------------------------------|-----------------------------------------------------|
| L size                                               | 2.5±0.2mm                                           |
| W size                                               | 2.0±0.2mm                                           |
| T size                                               | 0.9±0.1mm                                           |
| Size code inch (mm)                                  | 1008 (2520)                                         |
| Inductance                                           | 3.3μH±20%                                           |
| Inductance Test Frequency                            | 1MHz                                                |
| Rated current (Itemp)<br>(Based on Temperature rise) | 1.2A(Ambient temp.85°C)0.9A<br>(Ambient temp.125°C) |
| Max. of DC resistance                                | 0.125Ω                                              |
| Class of magnetic shield                             | Ferrite Core                                        |
| Self resonance frequency<br>(min.)                   | 30MHz                                               |
| DC Resistance Intermediate<br>Values                 | 0.10Ω(typ.)                                         |
| Operating Temperature<br>Range                       | -55°C to 125°C                                      |
| Series                                               | LQM2HPN_G0                                          |

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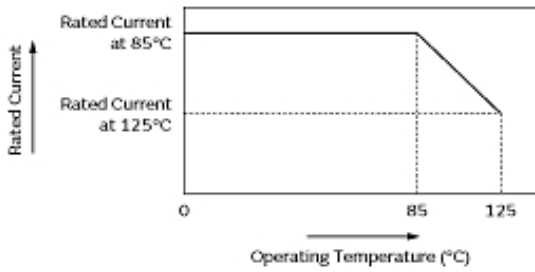


## Notice For General

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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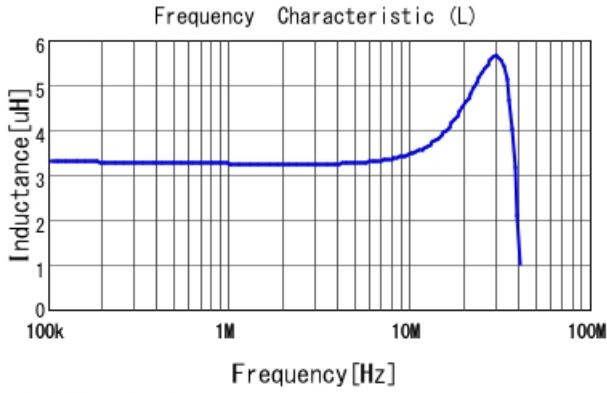
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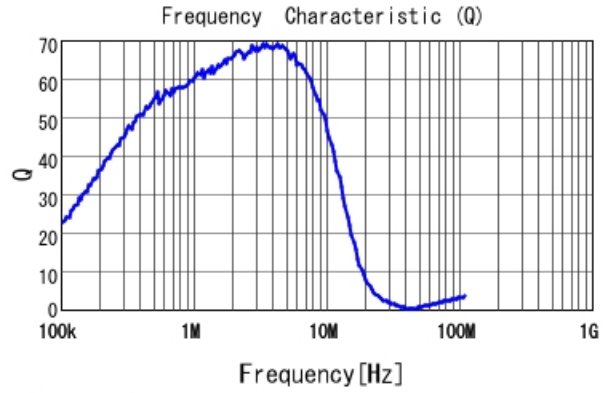


## Characteristic Data

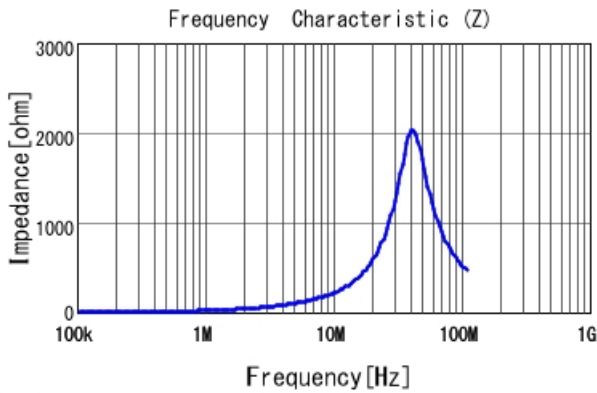
The charts below may show another part number which shares its characteristics.



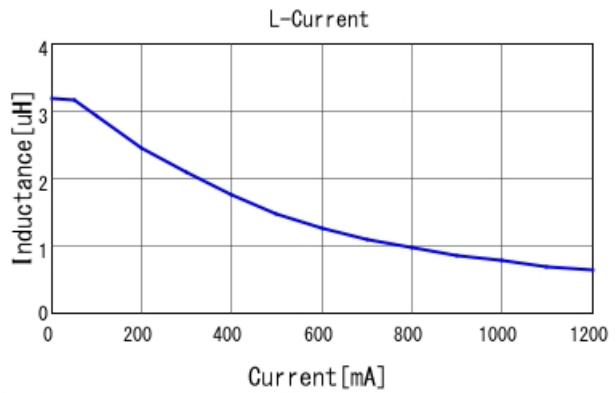
■ LQM2HPN3R3MG0 L



■ LQM2HPN3R3MG0 Q



■ LQM2HPN3R3MG0 |Z|



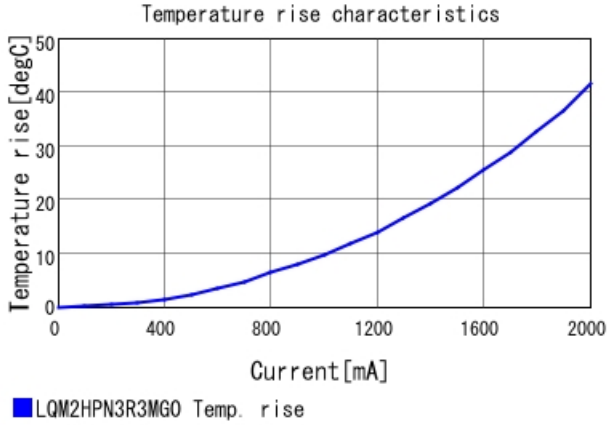
■ LQM2HPN3R3MG0 L-Current 20degC

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