

# LQM2HPN1R0MG0#

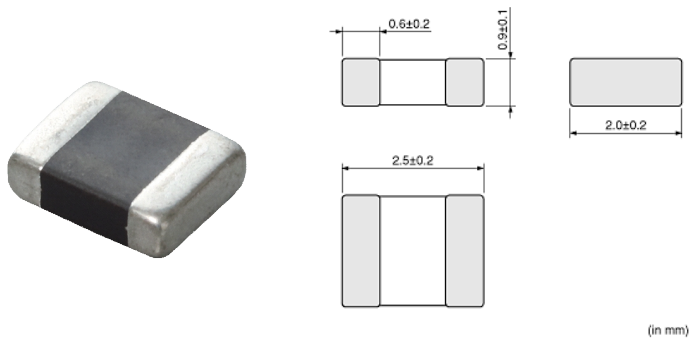
“#” indicates a package specification code.

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



< List of part numbers with package codes >  
LQM2HPN1R0MG0L LQM2HPN1R0MG0B

## Appearance & Shape



## References

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

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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2.This datasheet has only typical specifications because there is no space for detailed specifications.  
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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	1μH±20%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	1.6A(Ambient temp.85°C)1.2A(Ambient temp.125°C)
Max. of DC resistance	0.069Ω
Class of magnetic shield	Ferrite Core
Self resonance frequency (min.)	60MHz
DC Resistance Intermediate Values	0.055Ω(typ.)
Operating Temperature Range	-55°C to 125°C
Series	LQM2HPN_G0

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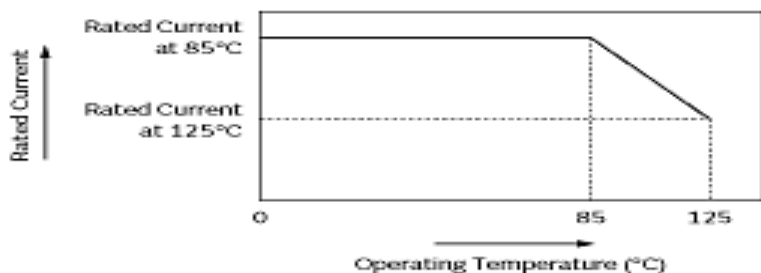


## Notice For General

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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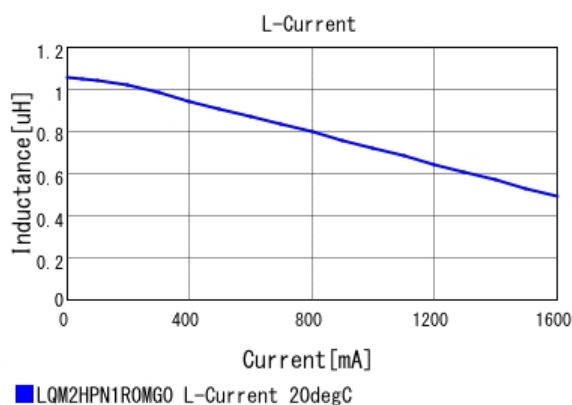
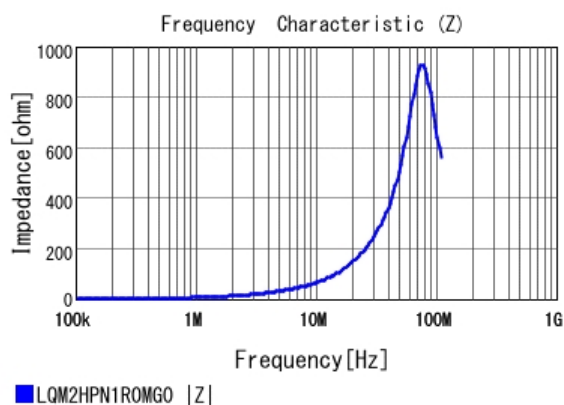
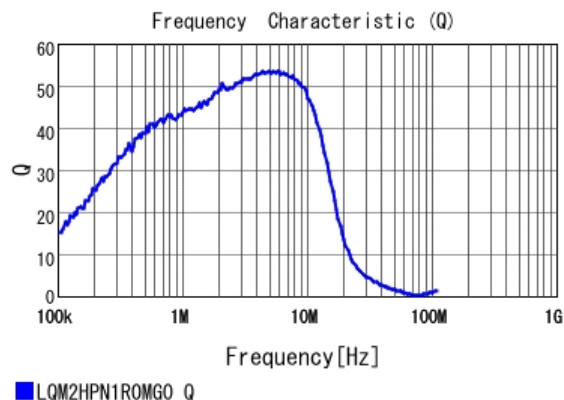
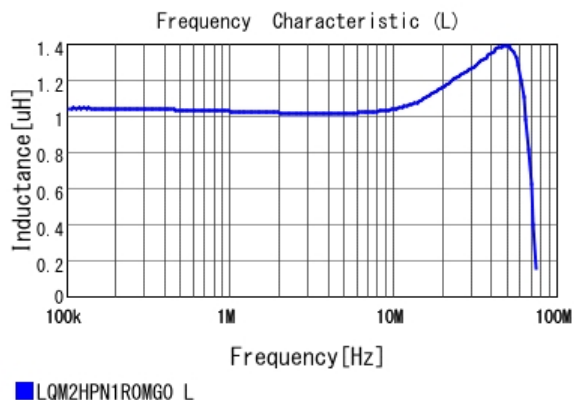
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## Characteristic Data

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

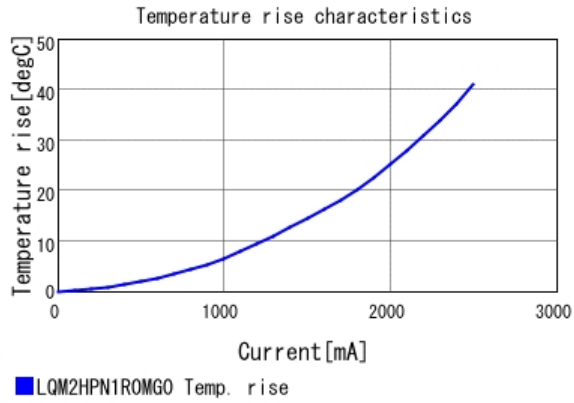


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