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LQM2MPN2R2MG0#

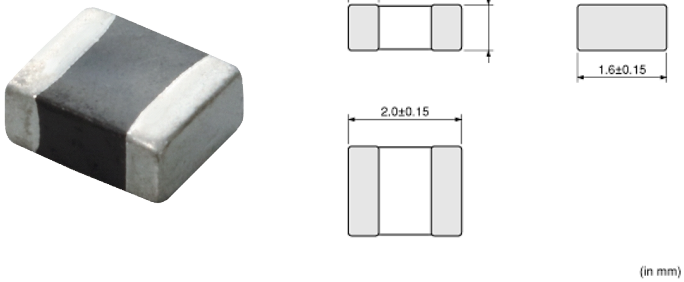
"#" indicates a package specification code.

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

In Production | General | RoHS | REACH | 125 °C max. | Multi-layer | Reflow OK | Flow OK

< List of part numbers with package codes >
LQM2MPN2R2MG0L LQM2MPN2R2MG0B

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.

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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±20%
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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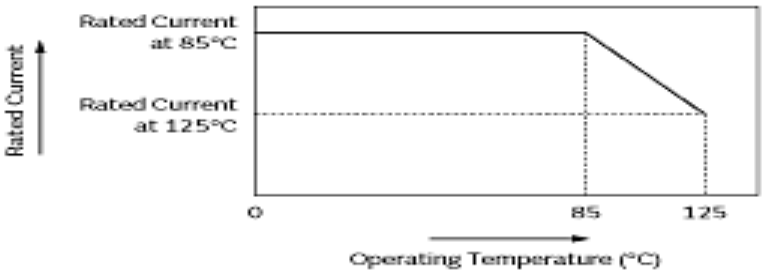
Notice For General

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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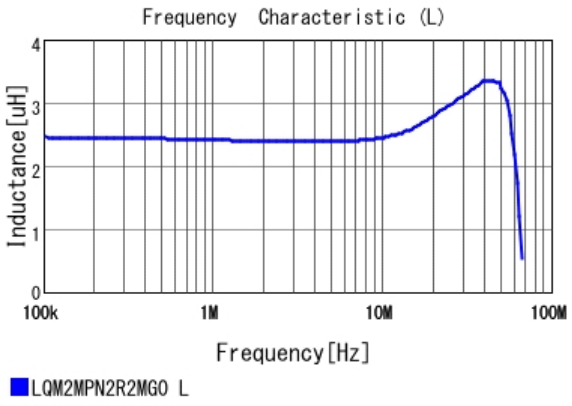
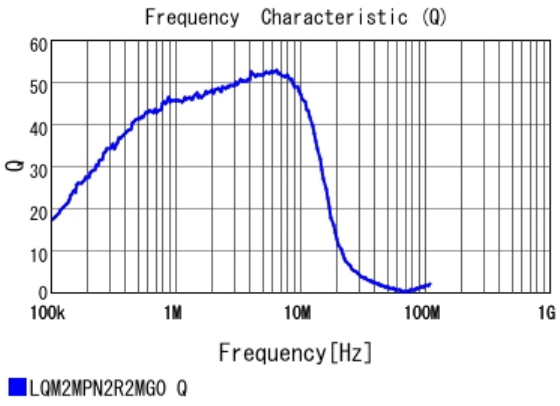
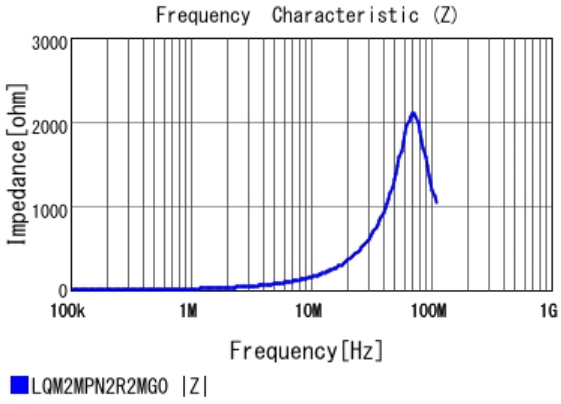
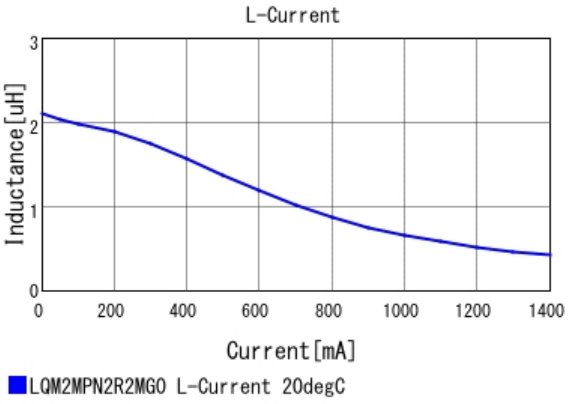
Characteristic Data

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









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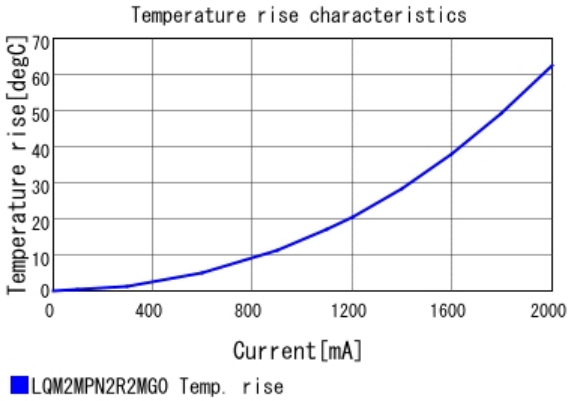

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