

LQM2HPN3R3MG0#

“#” indicates a package specification code.

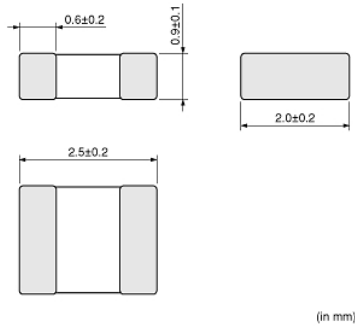
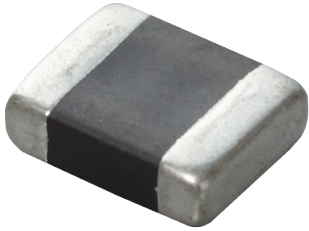
Size Code 2520 (1008) in mm (in inch), 1.0mm max. Thickness



< 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) (Based on Temperature rise)	1.2A(Ambient temp.85°C)0.9A (Ambient temp.125°C)
Max. of DC resistance	0.125Ω
Class of magnetic shield	Ferrite Core
Self resonance frequency (min.)	30MHz
Brand	Murata
DC Resistance Intermediate Values	0.10Ω(typ.)
Operating Temperature Range	-55°C to 125°C
Series	LQM2HPN_G0

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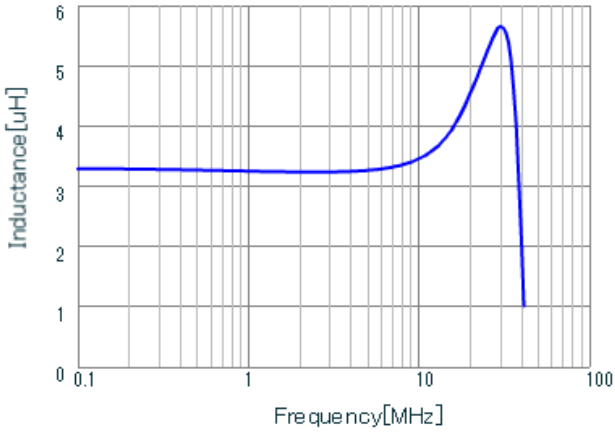
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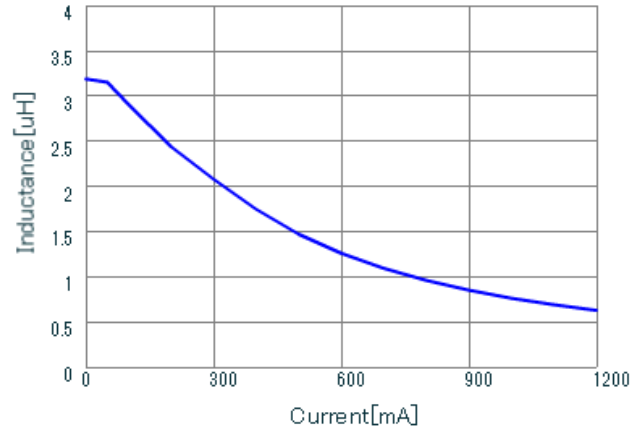
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Characteristic Data

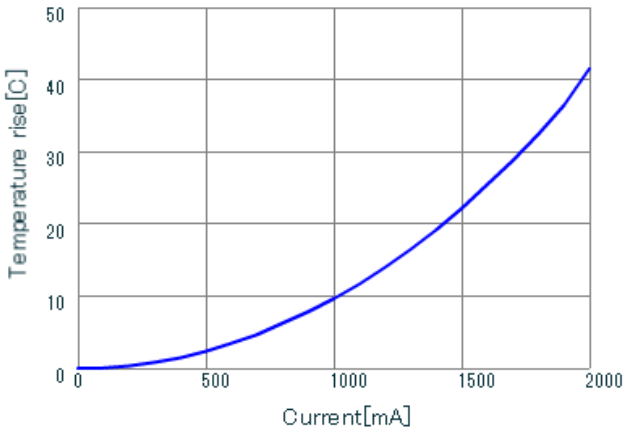


LQM2HPN3R3MG0 L



LQM2HPN3R3MG0 DC-Bias, 20

Inductance - Frequency Characteristics



LQM2HPN3R3MG0 DT_Current

Impedance - Current Characteristics

Temperature Increase Characteristic

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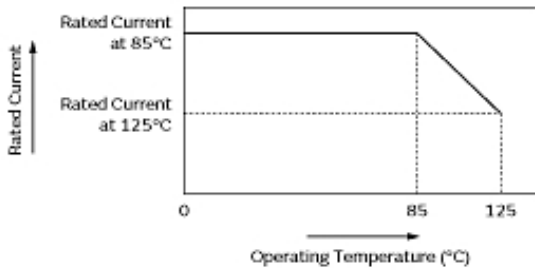


Notice For General

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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