

LQM2HPZ4R7MGC#

“#” indicates a package specification code.

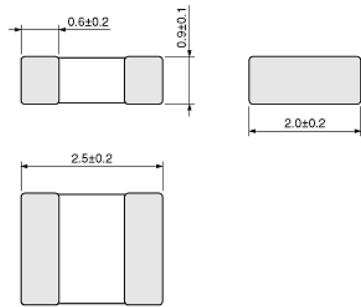
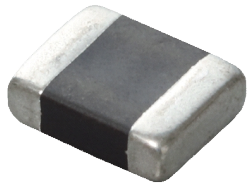
Bias Current Characteristics Improved



< List of part numbers with package codes >

LQM2HPZ4R7MGCL LQM2HPZ4R7MGCB

Appearance & Shape



(in mm)

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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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	4.7μH±20%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	0.8A(Ambient temp.85°C)0.6A(Ambient temp.125°C)
Max. of DC resistance	0.225Ω
Class of magnetic shield	Ferrite Core
Self resonance frequency (min.)	25MHz
DC Resistance Intermediate Values	0.18Ω±25%
Operating Temperature Range	-55°C to 125°C
Series	LQM2HPZ_GC

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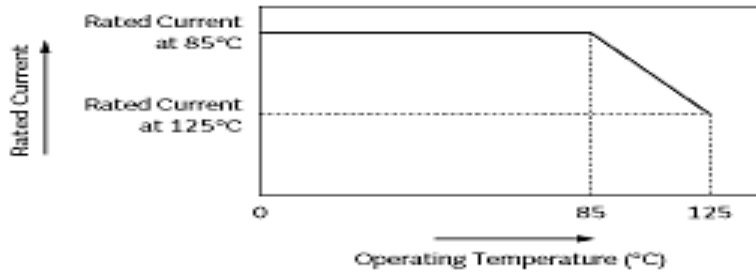
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Notice For General

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



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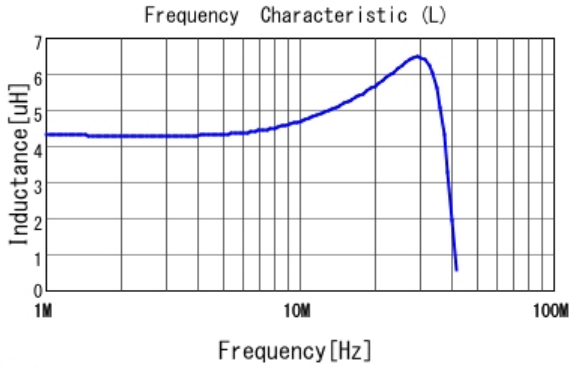
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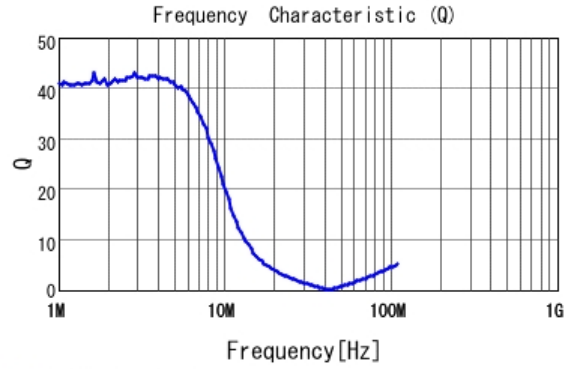
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Characteristic Data

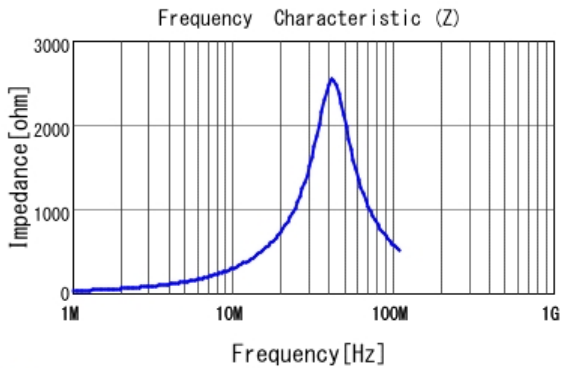
The charts below may show another part number which shares its characteristics.



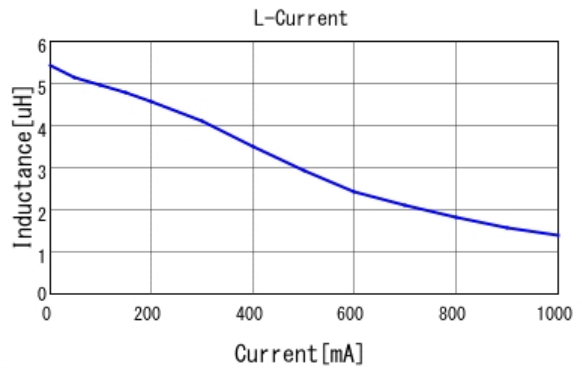
■ LQM2HPZ4R7MGC L



■ LQM2HPZ4R7MGC Q



■ LQM2HPZ4R7MGC |Z|



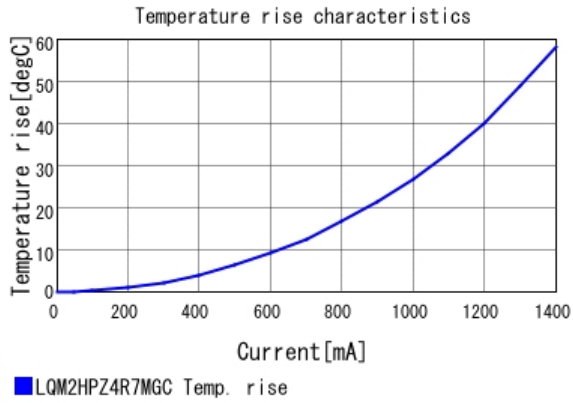
■ LQM2HPZ4R7MGC L-Current 20degC

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