

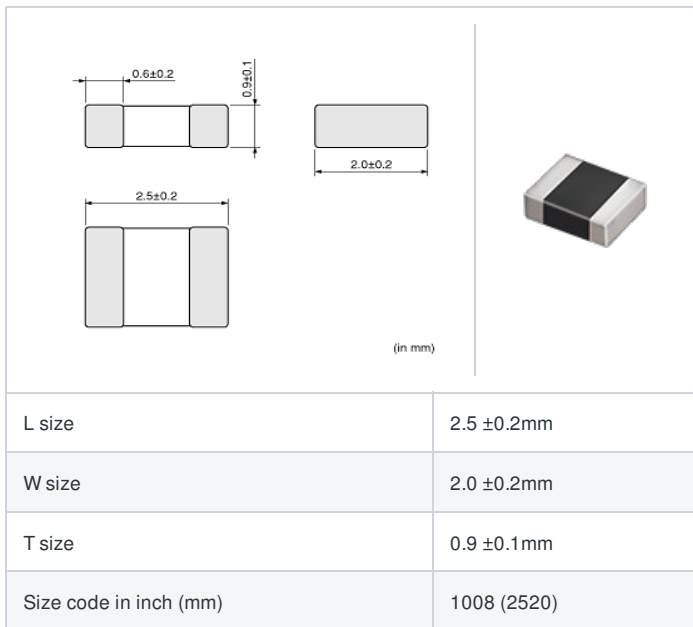
LQM2HPN4R7MG0#

indicates a package specification code.



< List of part numbers with package codes >
LQM2HPN4R7MG0L , LQM2HPN4R7MG0B

Shape



Notes

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.

References

Packaging code	Specifications	Minimum quantity
L	φ180mm Embossed taping	3000
B	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.022g

Specifications

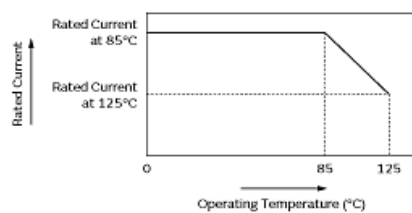
Inductance	4.7μH ±20%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	1.1A(Ambient temp.85°C) 0.82A(Ambient temp.125°C)
Max. of DC resistance	0.138Ω
Avg. of DC resistance	0.11Ω (typ.)
Self resonance frequency (min.)	25MHz
Operating temperature range	-55 to 125°C
Class of magnetic shield	Ferrite Core
Series	LQM2HPN_G0

Attention

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Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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

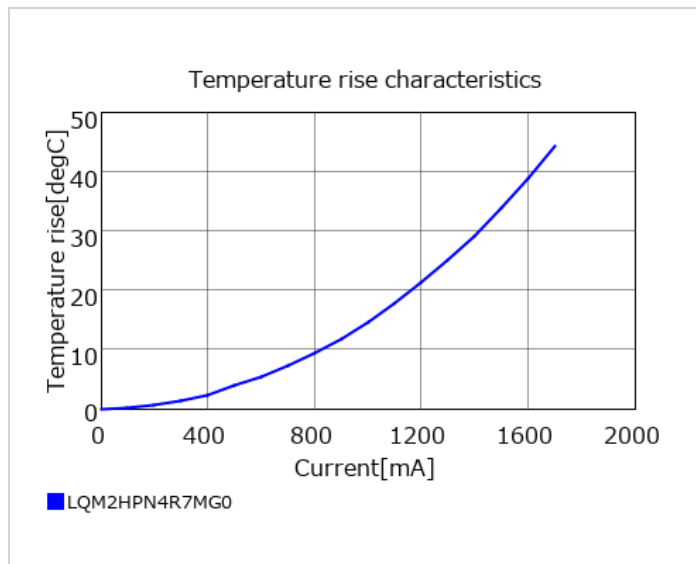
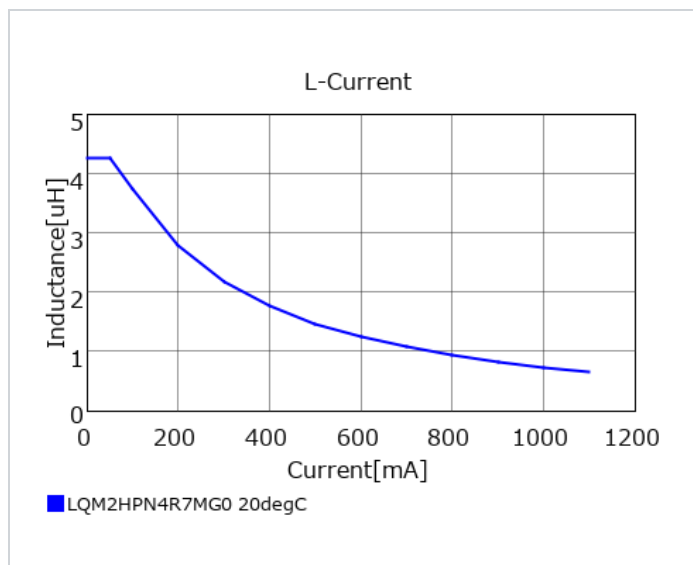
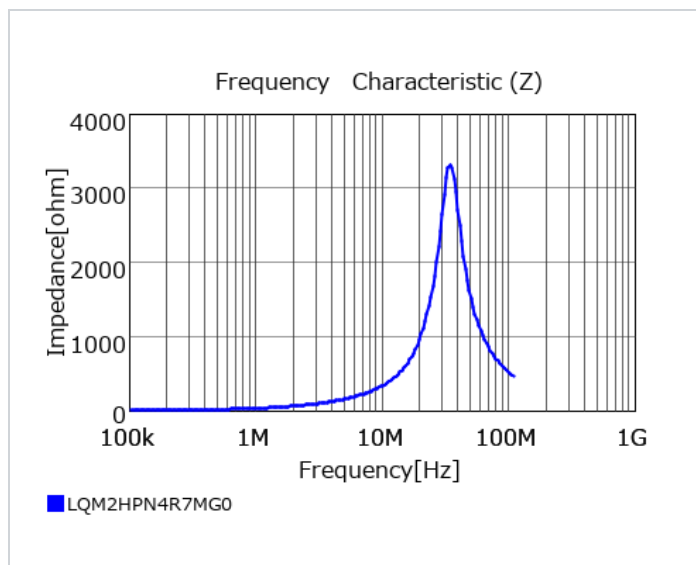
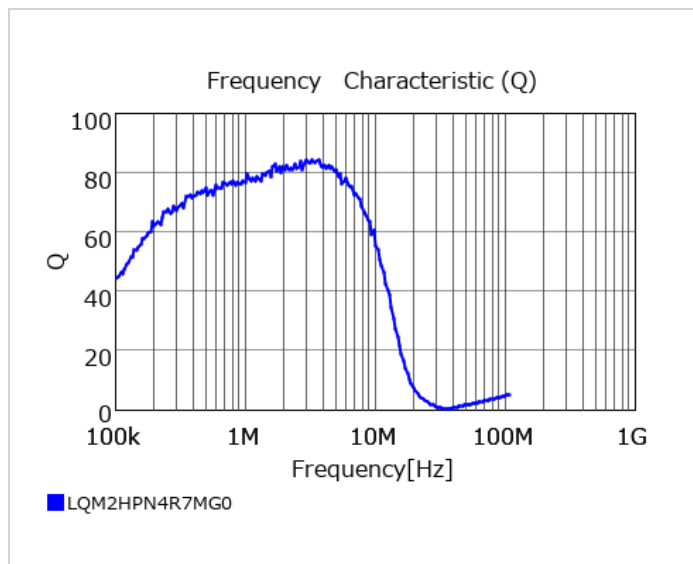
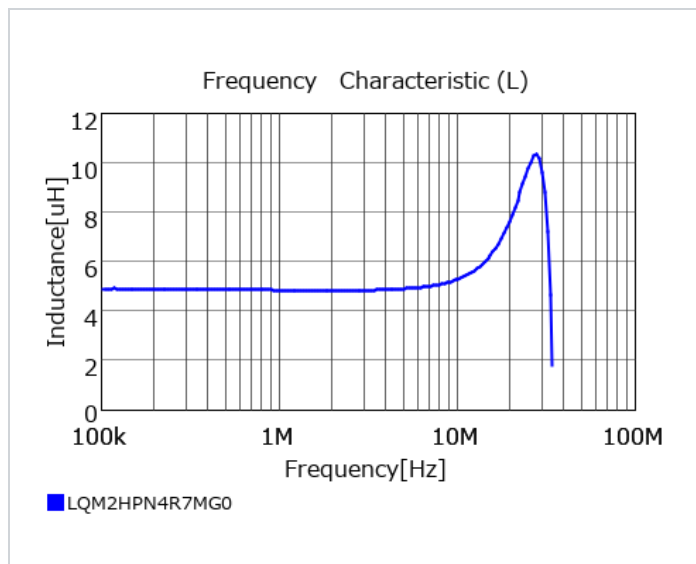


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