

# LQM2HPN2R2MG0#

# indicates a package specification code.



< List of part numbers with package codes >  
 LQM2HPN2R2MG0L , LQM2HPN2R2MG0B

## Shape

L size	2.5 ±0.2mm
W size	2.0 ±0.2mm
T size	0.9 ±0.1mm
Size code in inch (mm)	1008 (2520)

## 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	2.2μH ±20%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	1.3A(Ambient temp.85°C) 0.97A(Ambient temp.125°C)
Max. of DC resistance	0.1Ω
Avg. of DC resistance	0.080Ω (typ.)
Self resonance frequency (min.)	40MHz
Operating temperature range	-55 to 125°C
Class of magnetic shield	Ferrite Core
Series	LQM2HPN_G0

### Attention

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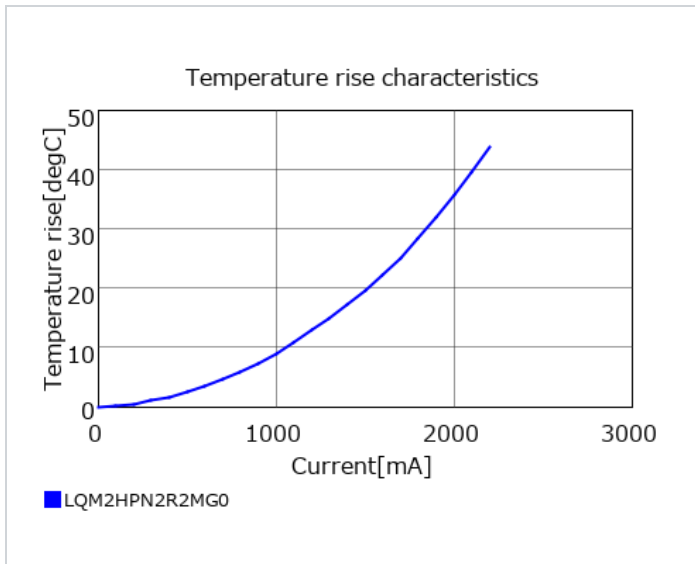
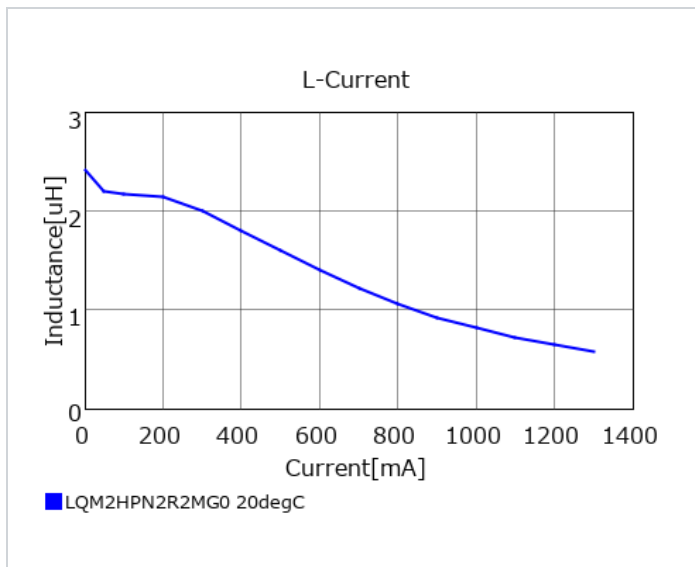
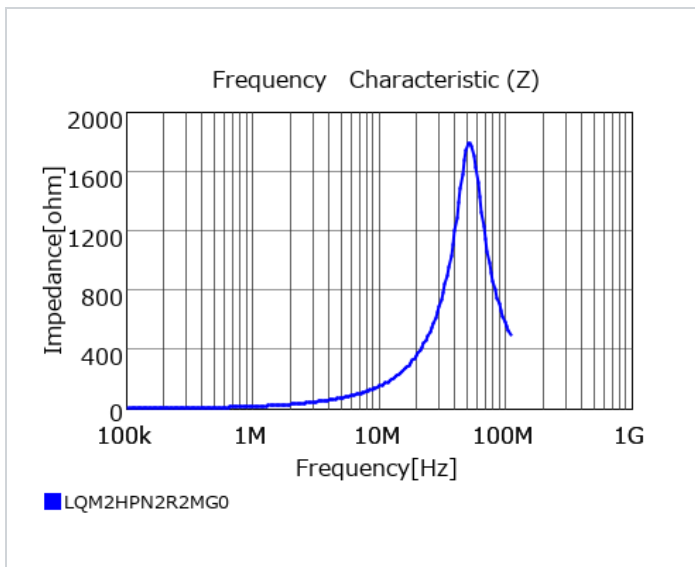
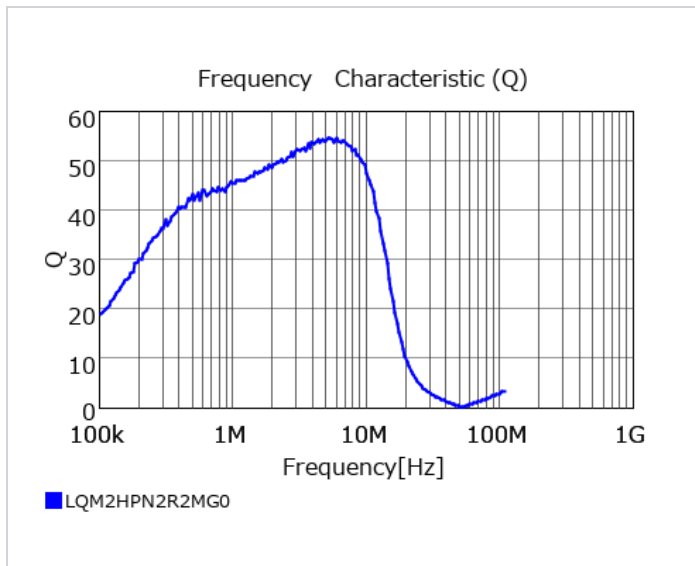
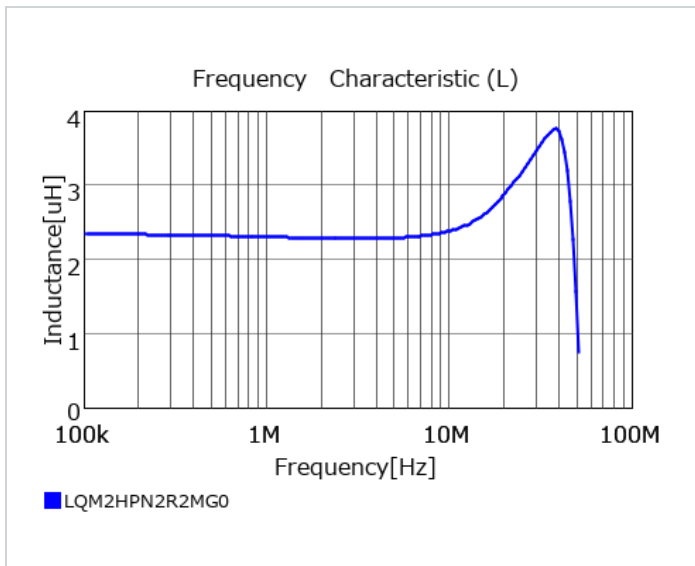
In operating temperatures exceeding +85°C, derating of current is necessary for this series.  
Please apply the derating curve shown in the chart according to the operating temperature.

Derating of Rated Current



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