

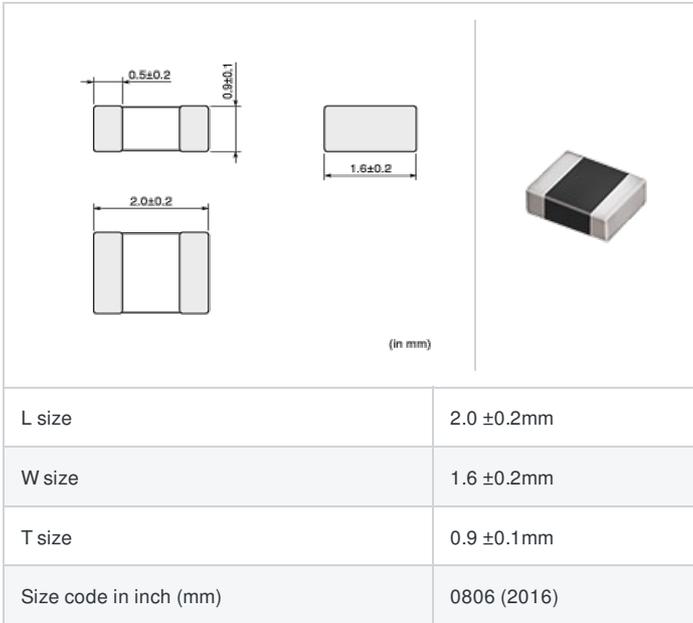
LQM2MPN1R0MGH#

indicates a package specification code.



< List of part numbers with package codes >
 LQM2MPN1R0MGHL , LQM2MPN1R0MGHB

Shape



Notes

When rated current is applied to the products, inductance will be within ±30% of initial inductance value range.
 When rated current is applied to the products, the temperature rise caused by self-generated heat shall be limited to 40 °C max.
 Keep the temperature (ambient temperature plus self-generation of heat) under 125 °C.

References

Packaging code	Specifications	Minimum quantity
L	φ 180mm Embossed taping	3000
B	Packing in bulk	1000

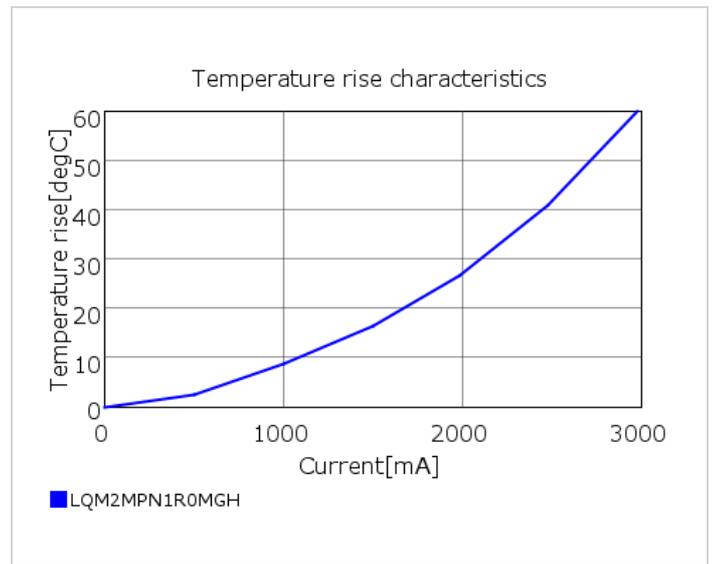
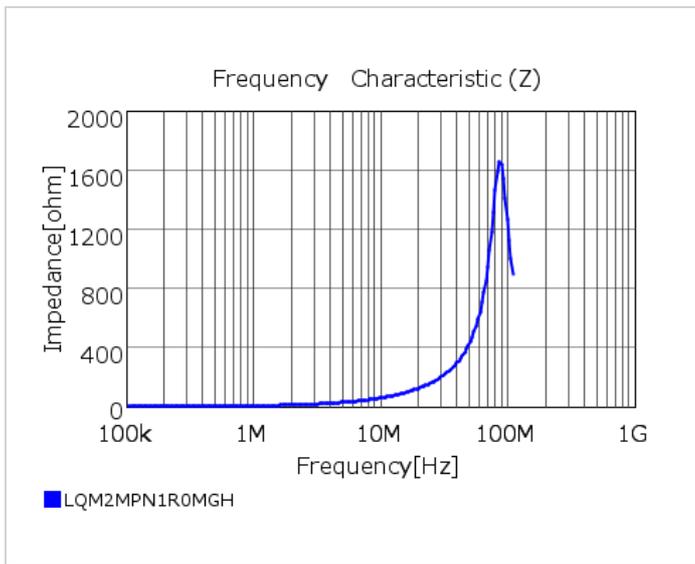
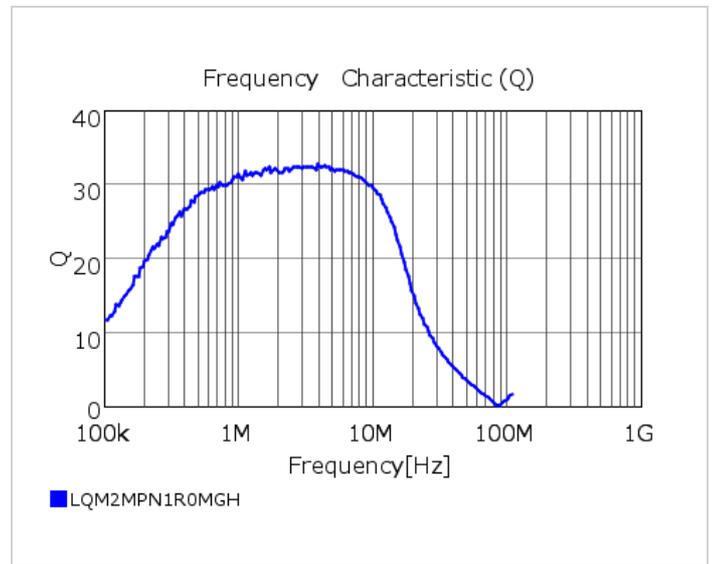
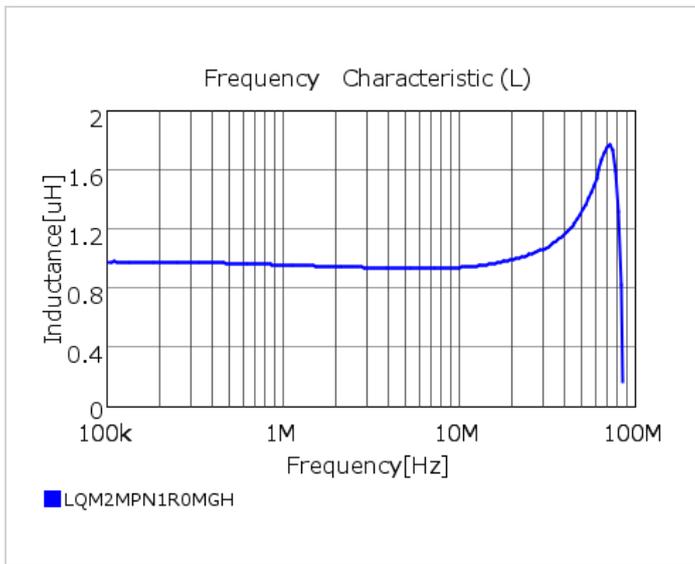
Mass (Typ.)	
1 piece	0.012g

Specifications

Inductance	1.0μH ±20%
Inductance test frequency	1MHz
Rated current (I _{sat}) (Based on Inductance change)	2.0A(Max) / 2.3A(Typ.)
Rated current (I _{temp}) (Based on Temperature rise)	1.9A(Max) / 2.4A(Typ.)
Max. of DC resistance	0.08Ω
Avg. of DC resistance	0.064Ω (typ.)
Self resonance frequency (min.)	60MHz
Operating temperature range	-40°C to 85°C
Class of magnetic shield	Ferrite Core
Series	LQM2MPN_GH

Attention

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- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.



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