

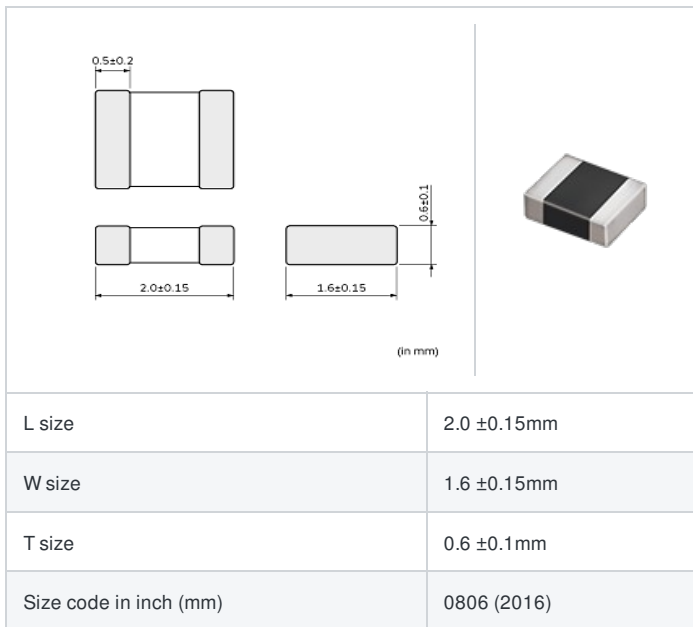
LQM2MPN2R2MDH#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQM2MPN2R2MDHL , LQM2MPN2R2MDHB

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

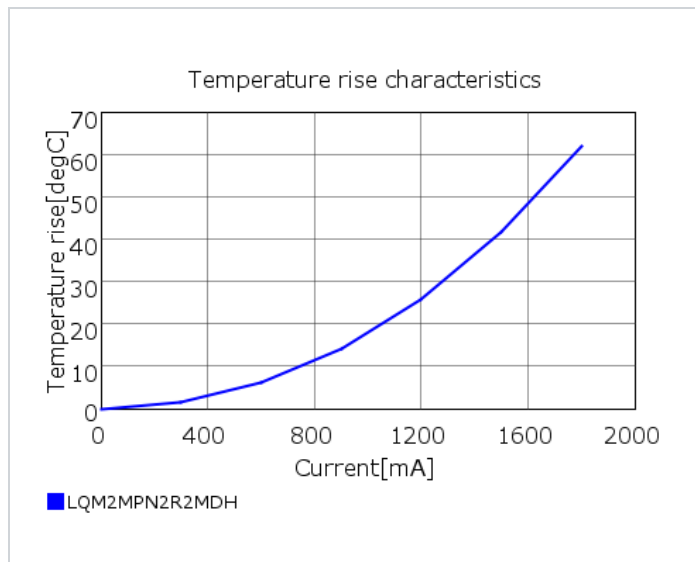
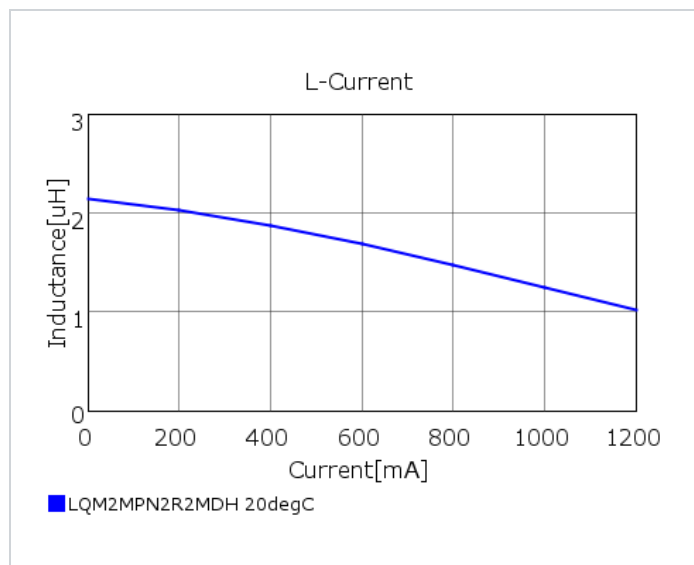
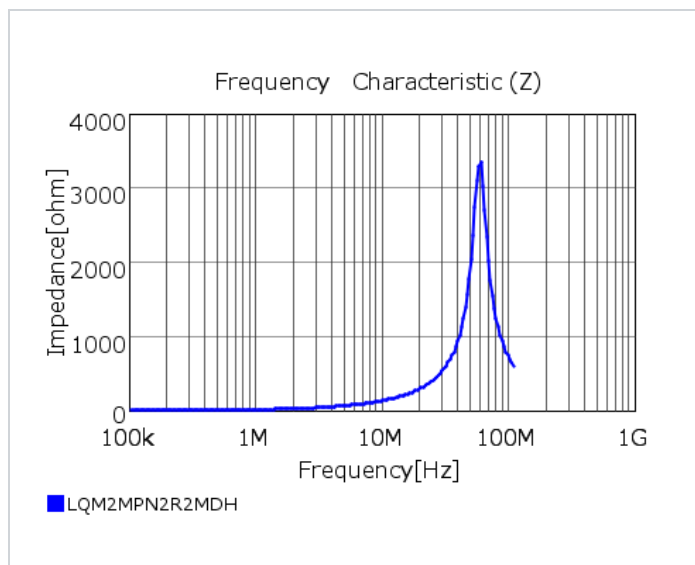
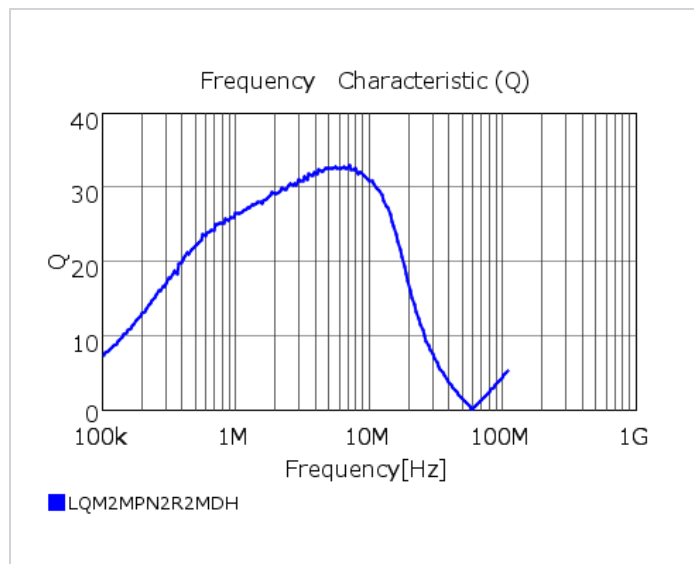
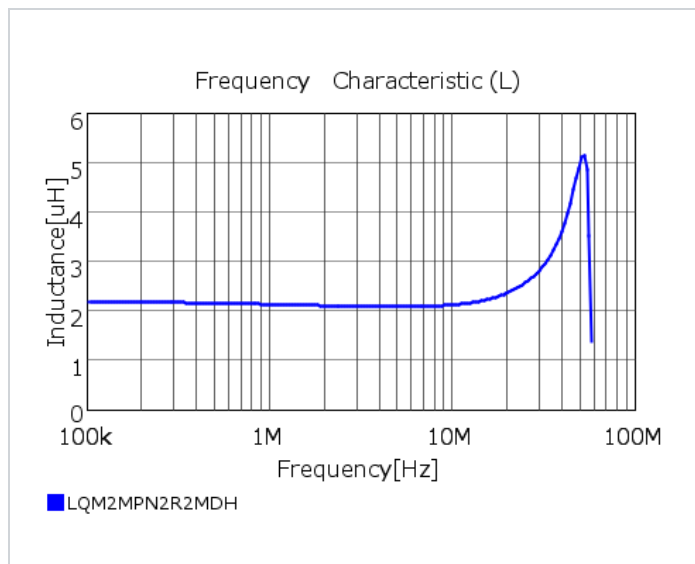
Mass (Typ.)	
1 piece	0.009g

Specifications

Inductance	2.2μH ±20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	0.63A(Max.) / 0.68A(Typ.)
Rated current (Itemp) (Based on Temperature rise)	1.27A(Max.) / 1.35A(Typ.)
Max. of DC resistance	0.25Ω
Avg. of DC resistance	0.2Ω (typ.)
Self resonance frequency (min.)	40MHz
Operating temperature range	-40°C to 85°C
Class of magnetic shield	Ferrite Core
Series	LQM2MPN_DH

Attention

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2.This datasheet has only typical specifications because there is no space for detailed specifications.
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