

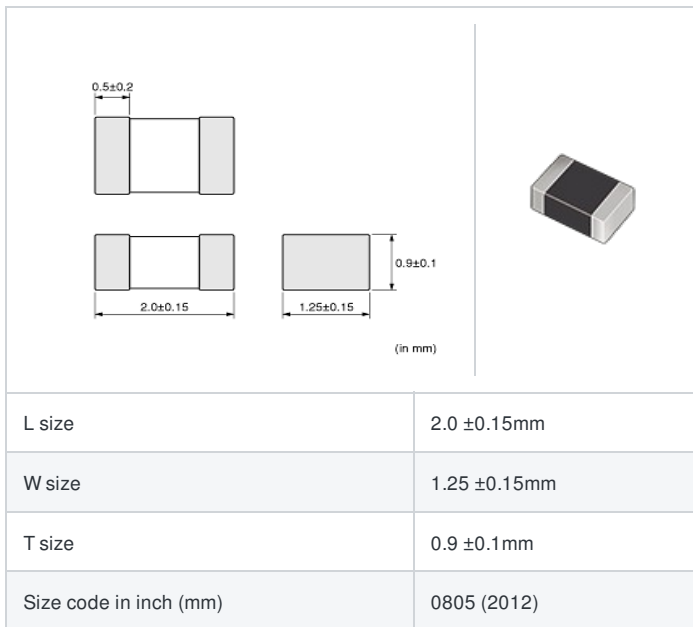
LQM21PN4R7MGH#

indicates a package specification code.



< List of part numbers with package codes >
LQM21PN4R7MGHL , LQM21PN4R7MGHB

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	φ180mm Embossed taping	3000
B	Packing in bulk	1000

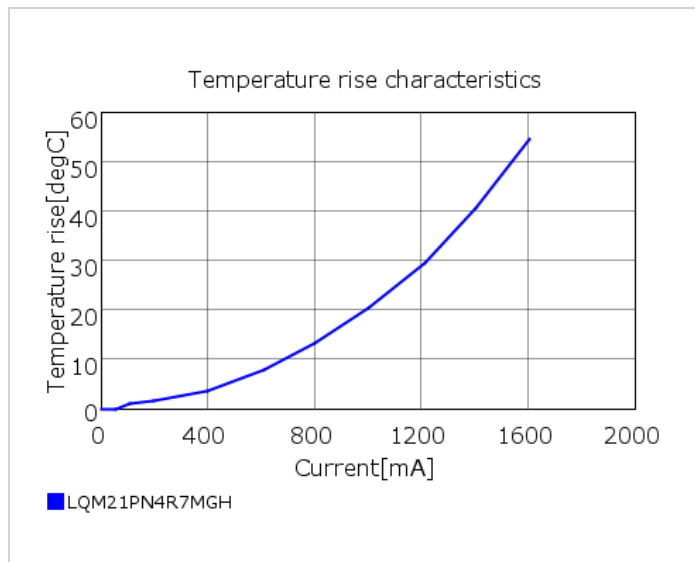
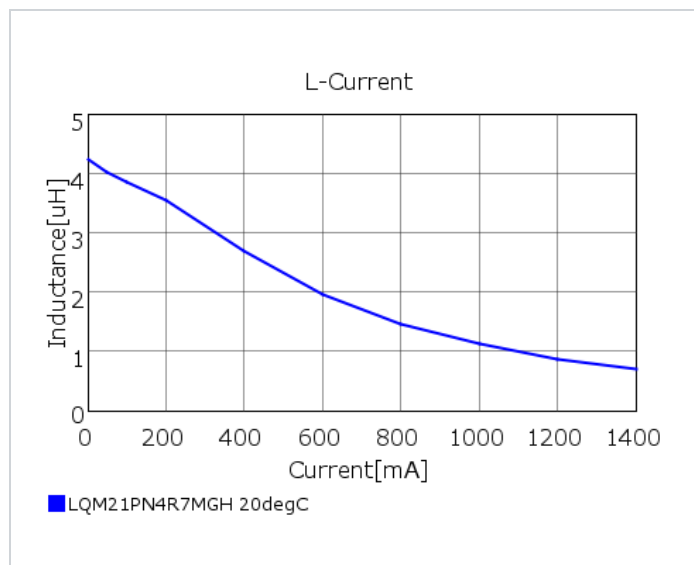
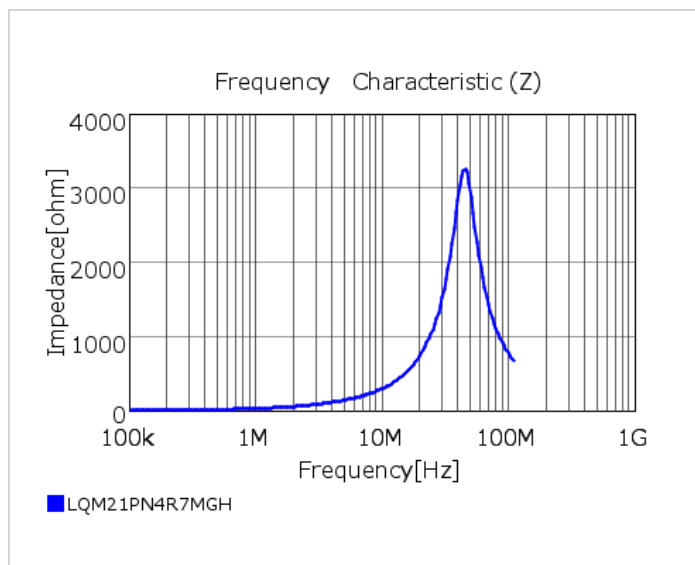
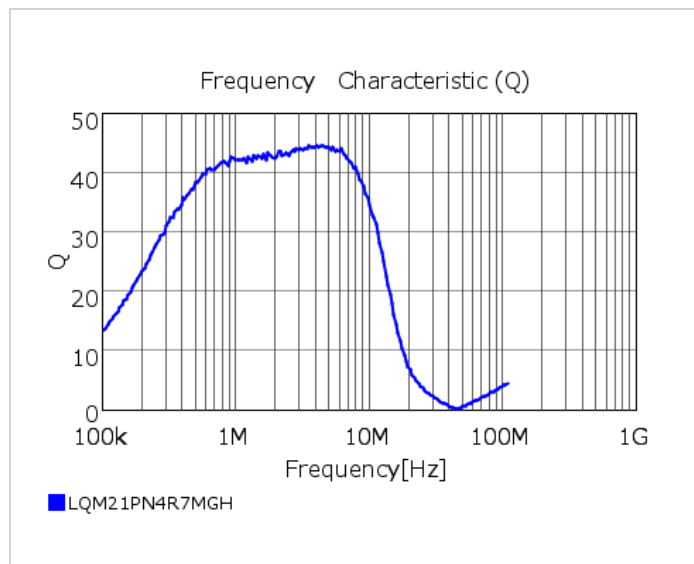
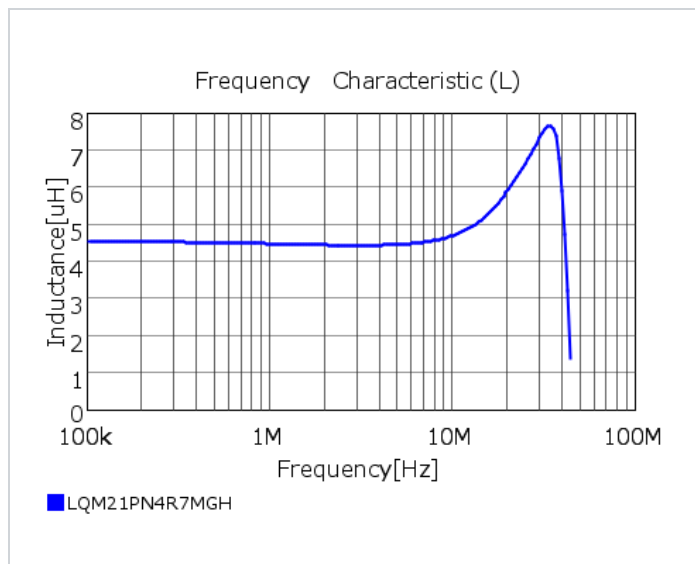
Mass (Typ.)	
1 piece	0.012g

Specifications

Inductance	4.7μH ±20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	0.25A(Max) / 0.27A(Typ.)
Rated current (Itemp) (Based on Temperature rise)	1.0A(Max) / 1.2A(Typ.)
Max. of DC resistance	0.275Ω
Avg. of DC resistance	0.22Ω (typ.)
Self resonance frequency (min.)	20MHz
Operating temperature range	-40°C to 85°C
Class of magnetic shield	Ferrite Core
Series	LQM21PN_GH

Attention

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