

LQM21PN2R2MCH#

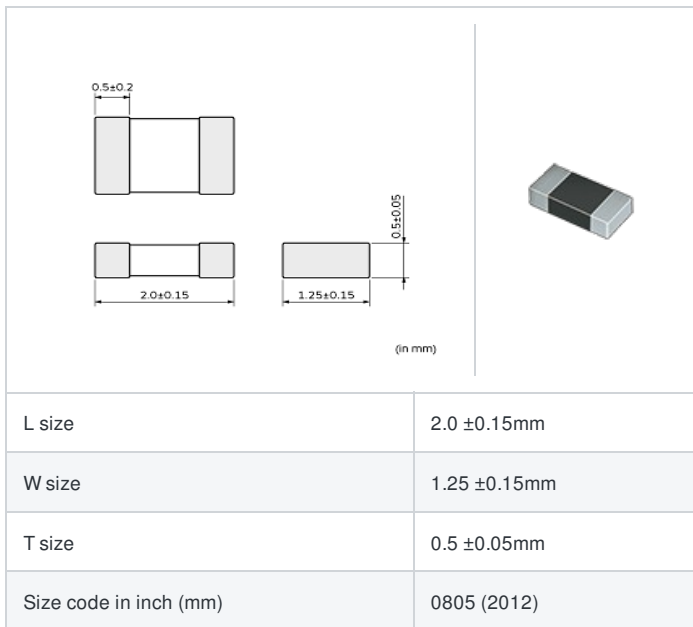
indicates a package specification code.



< List of part numbers with package codes >

LQM21PN2R2MCHD , LQM21PN2R2MCHJ , LQM21PN2R2MCHB

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
D	φ180mm Paper taping	3000
J	φ330mm Paper taping	10000
B	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.007g

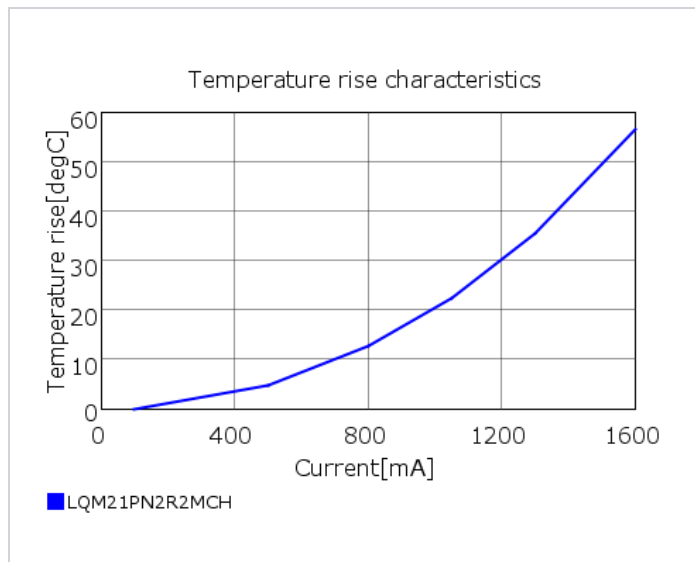
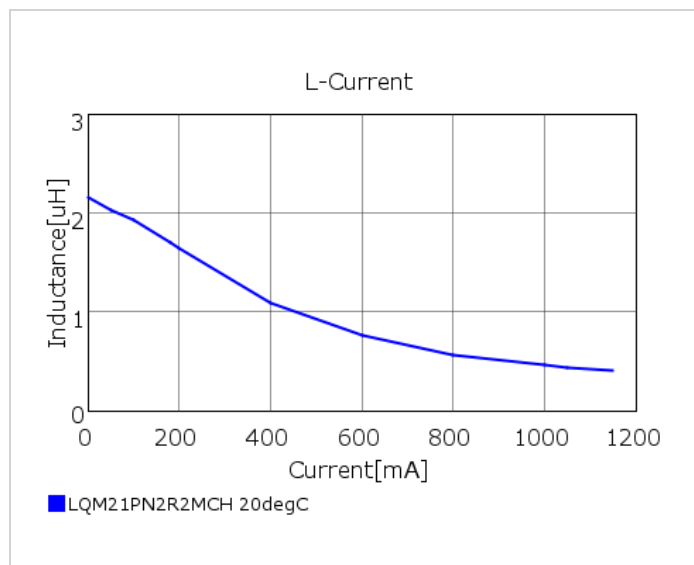
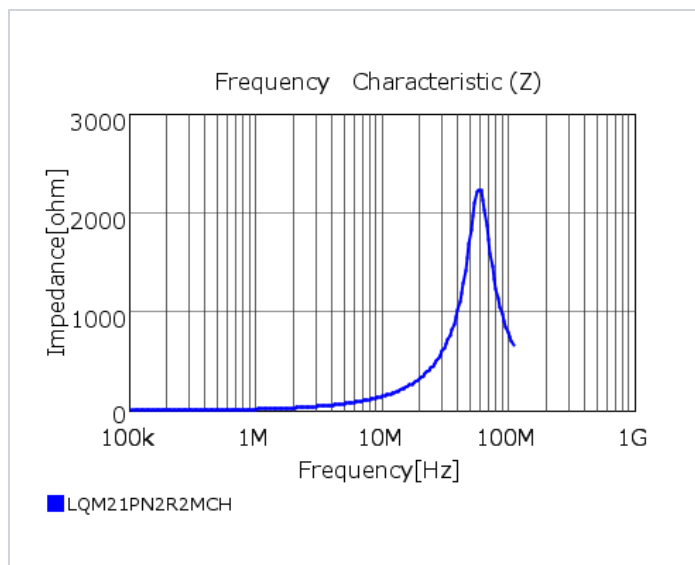
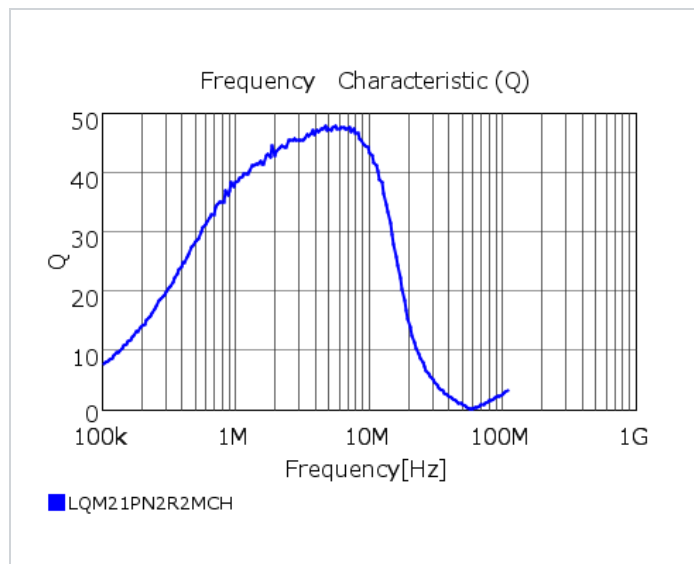
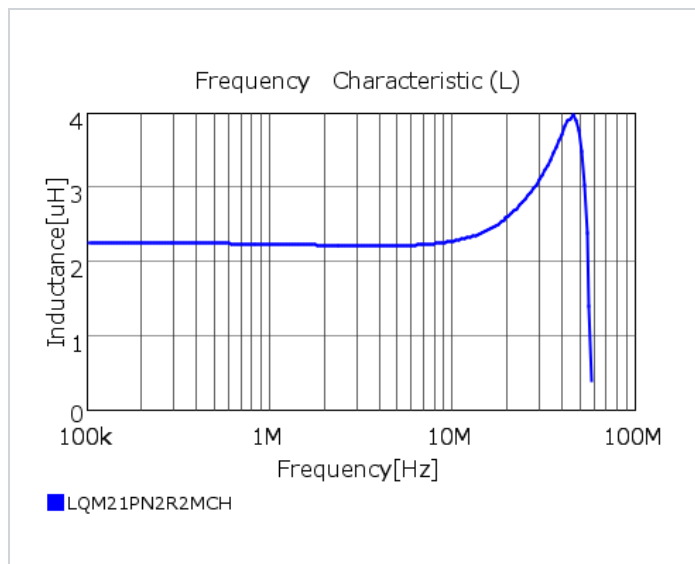
Specifications

Inductance	2.2μH ±20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	0.18A(Max.) / 0.2A(Typ.)
Rated current (Itemp) (Based on Temperature rise)	1.05A(Max.) / 1.3A(Typ.)
Max. of DC resistance	0.25Ω
Avg. of DC resistance	0.2Ω (typ.)
Self resonance frequency (min.)	30MHz
Operating temperature range	-40°C to 85°C
Class of magnetic shield	Ferrite Core
Series	LQM21PN_CH

1 of 2

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