

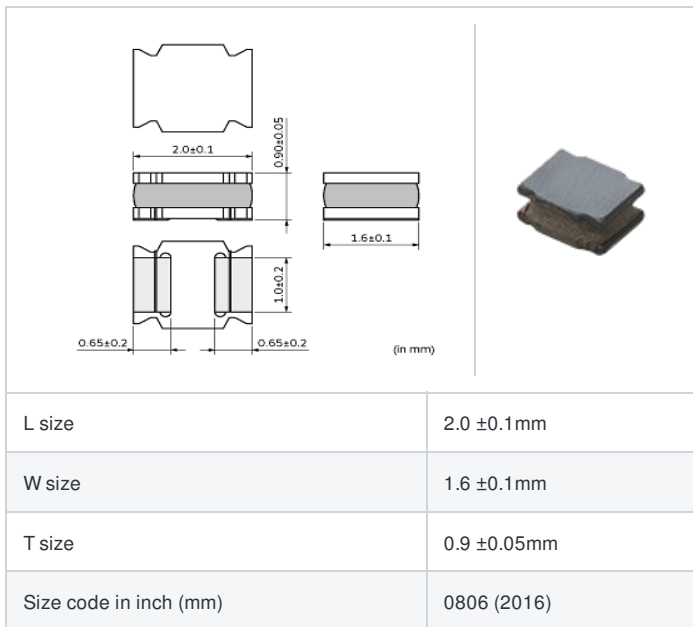
LQH2MPN1R0NGR#

indicates a package specification code.



< List of part numbers with package codes >
LQH2MPN1R0NGRL

Shape



Notes

When rated current is applied to the products, inductance will be within ±30% of initial inductance value range.

Keep the temperature (ambient temperature plus self-generation of heat) under 125°C.

When rated current is applied to the products, the self-temperature rise shall be limited to 40°C max. (ambient temperature 85°C).

When rated current is applied to the products, the self-temperature rise shall be limited to 20°C max. (ambient temperature 85 °C to 105°C).

References

Packaging code	Specifications	Minimum quantity
L	φ 180mm Embossed taping	3000

Mass (Typ.)	
1 piece	0.010g

Specifications

Inductance	1.0μH ±30%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	1550mA
Rated current (Itemp) (Based on Temperature rise)	900mA(Ambient temp.85°C) 540mA(Ambient temp.105°C)
Max. of DC resistance	0.3Ω
Avg. of DC resistance	0.25Ω ±20%
Self resonance frequency (min.)	100MHz
Operating temperature range (Self-temperature rise is included)	-40°C to 125°C
Operating temperature range (Self-temperature rise is not included)	-40°C to 105°C
Class of magnetic shield	Ferrite Core
Series	LQH2MPN_GR

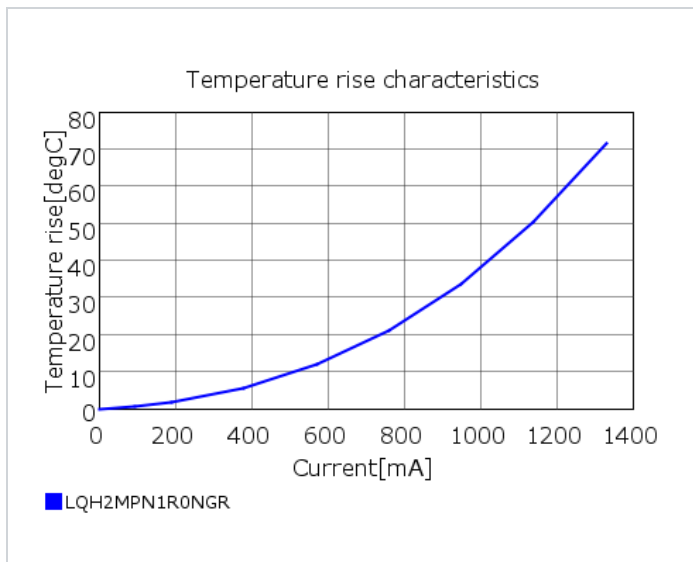
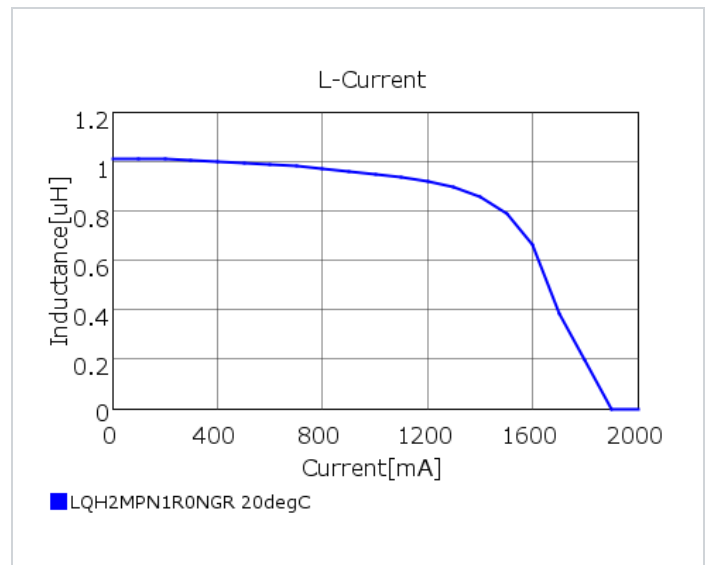
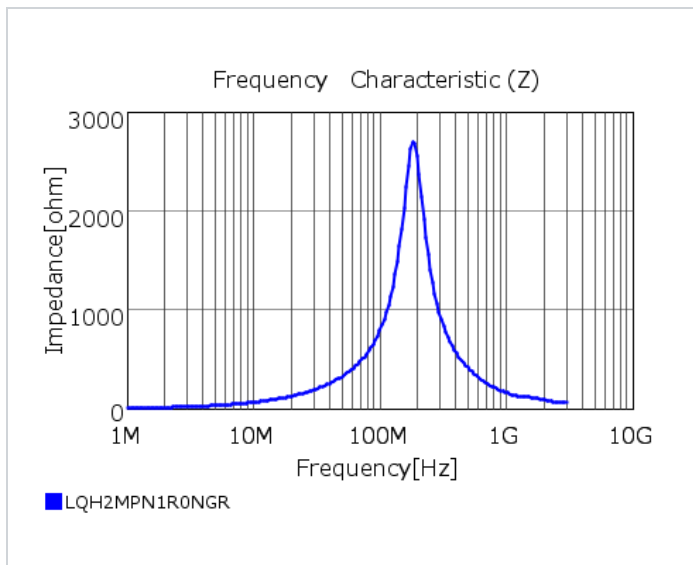
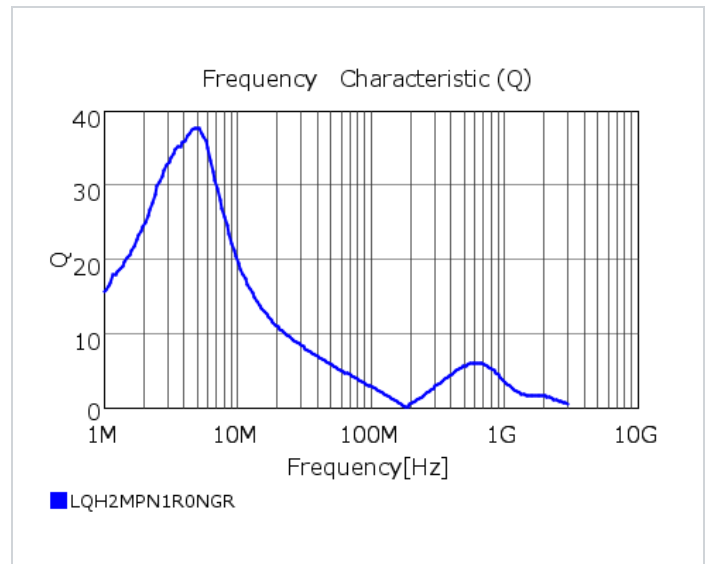
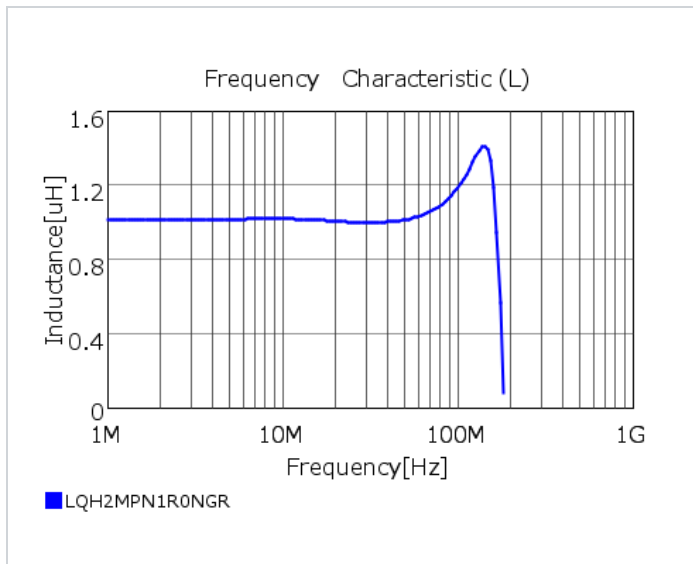
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