

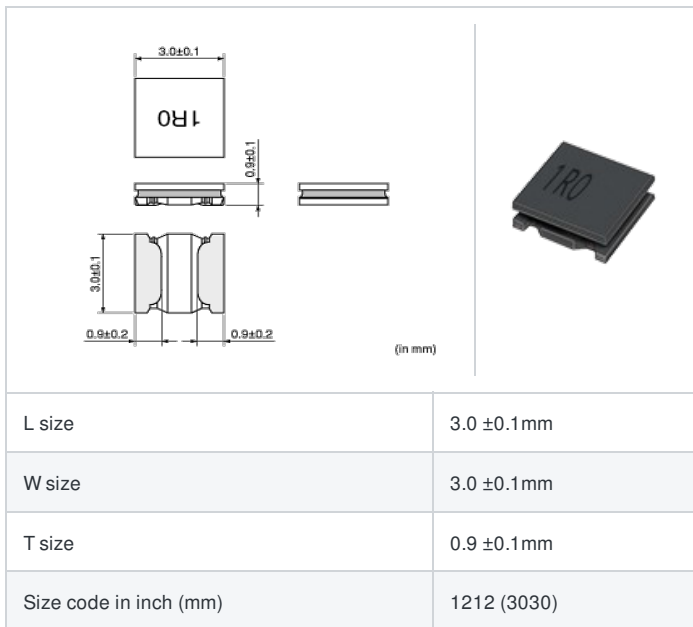
LQH3NPN251MGR#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQH3NPN251MGRL , LQH3NPN251MGRK

Shape



Notes

When rated current is applied to the products, inductance will be within $\pm 30\%$ of initial inductance value range.
Keep the temperature (ambient temperature plus self-generation of heat) under 105°C.
When rated current is applied to the products, the temperature rise caused by self-generated heat shall be limited to 20°C.

References

Packaging code	Specifications	Minimum quantity
L	φ180mm Embossed taping	3000
K	φ330mm Embossed taping	11000

Mass (Typ.)	
1 piece	0.034g

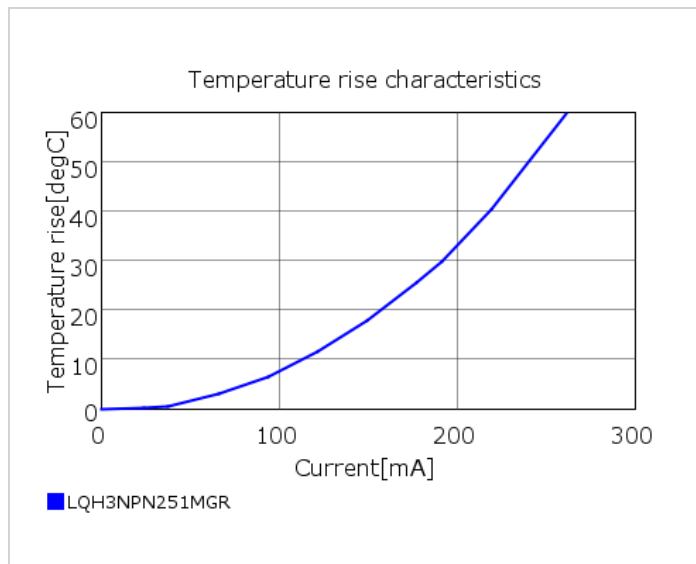
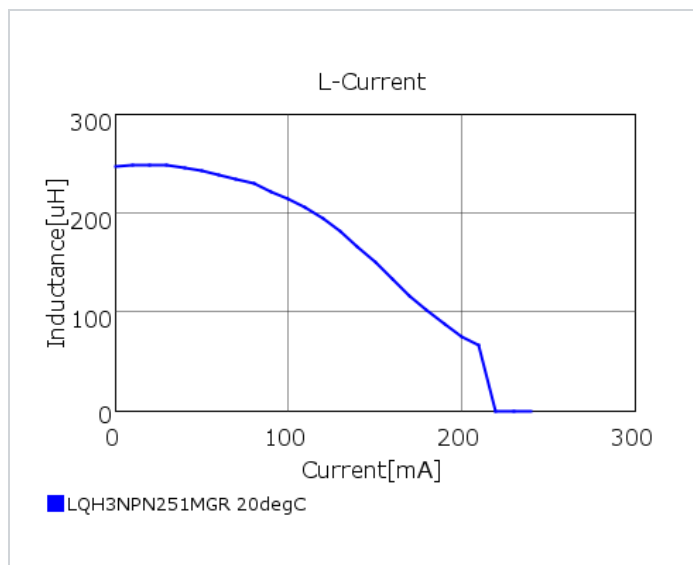
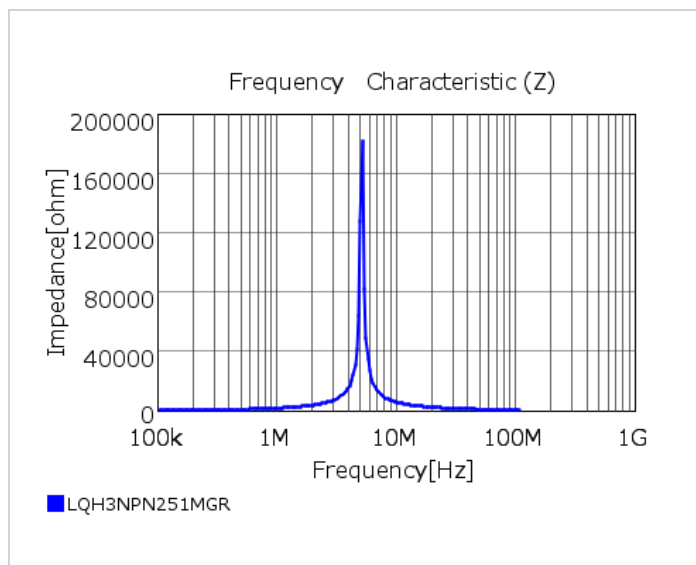
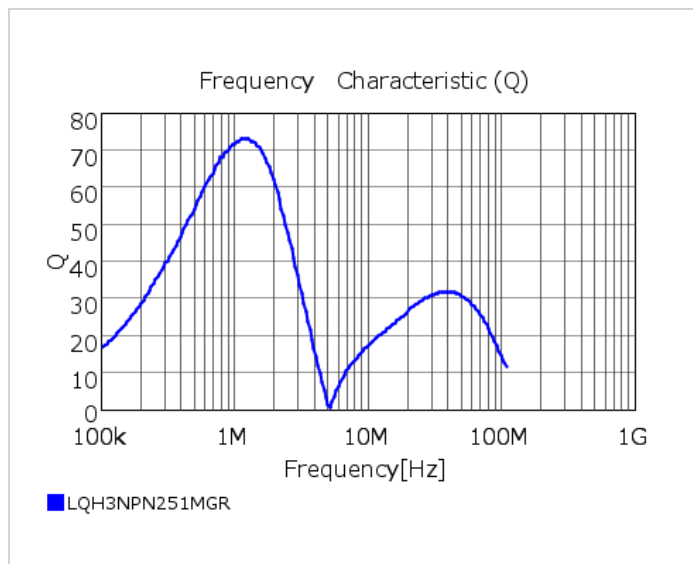
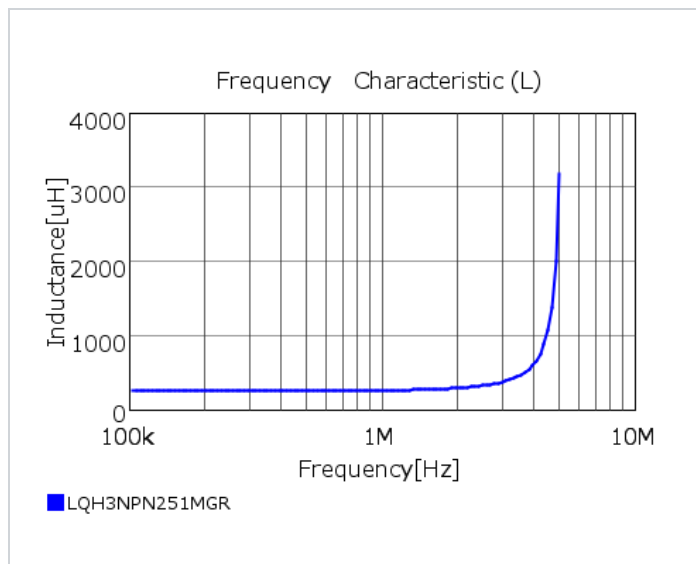
Specifications

Inductance	250μH $\pm 20\%$
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	110mA
Rated current (Itemp) (Based on Temperature rise)	140mA(Ambient temp.85°C)
Max. of DC resistance	9.6Ω
Avg. of DC resistance	8Ω $\pm 20\%$
Self resonance frequency (min.)	2MHz
Operating temperature range (Self-temperature rise is included)	-40°C to 105°C
Operating temperature range (Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Magnetic Resin
Series	LQH3NPN_GR

1 of 2

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