

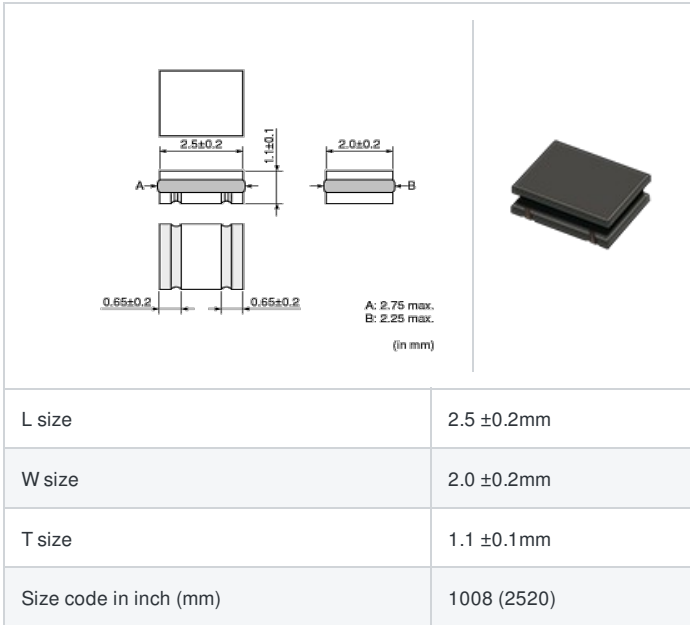
LQH2HPN1R5NJR#

indicates a package specification code.



< List of part numbers with package codes >
LQH2HPN1R5NJRL

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 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	$\phi 180$ mm Embossed taping	2000

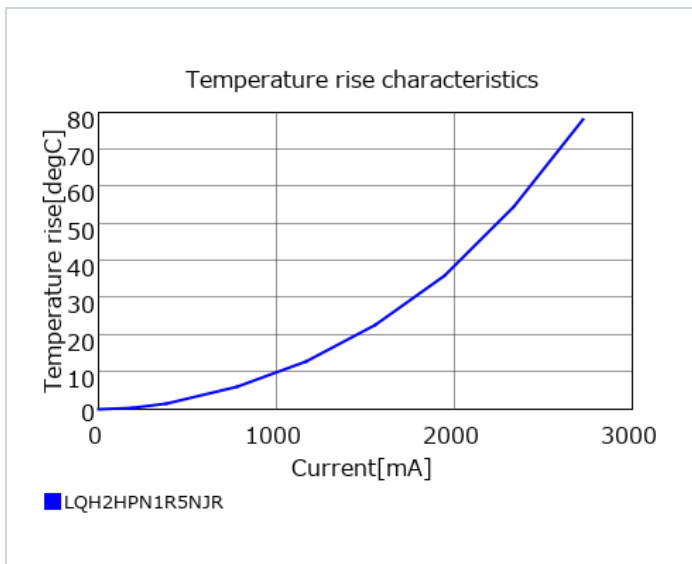
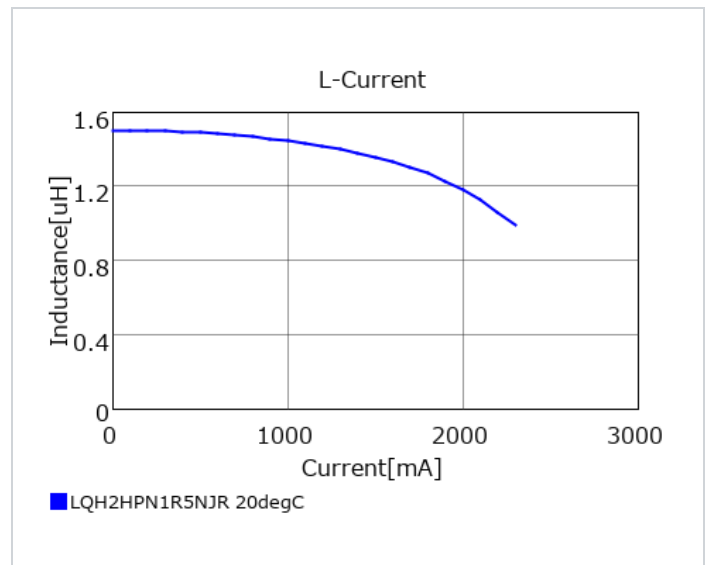
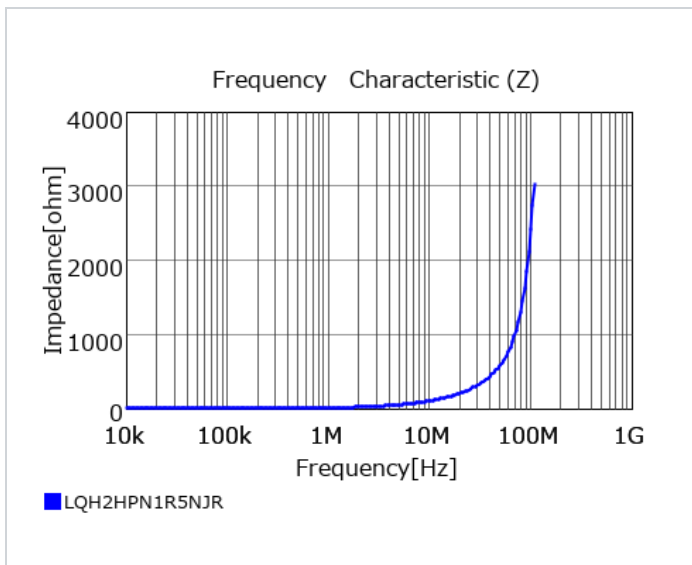
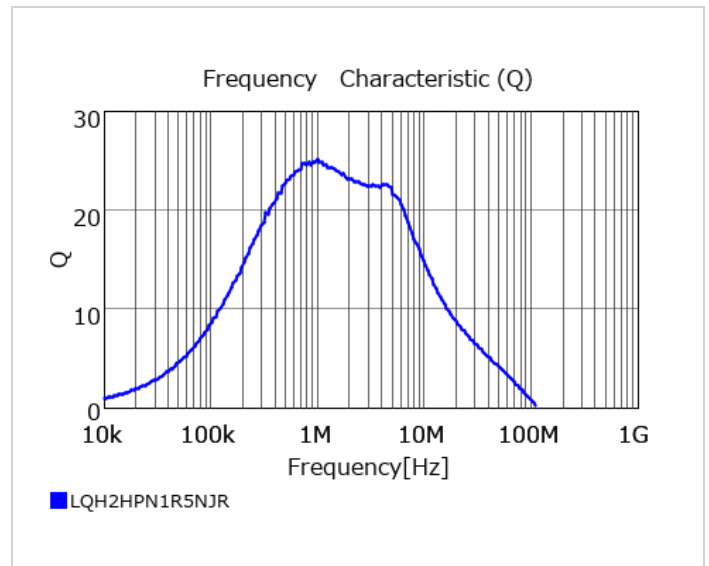
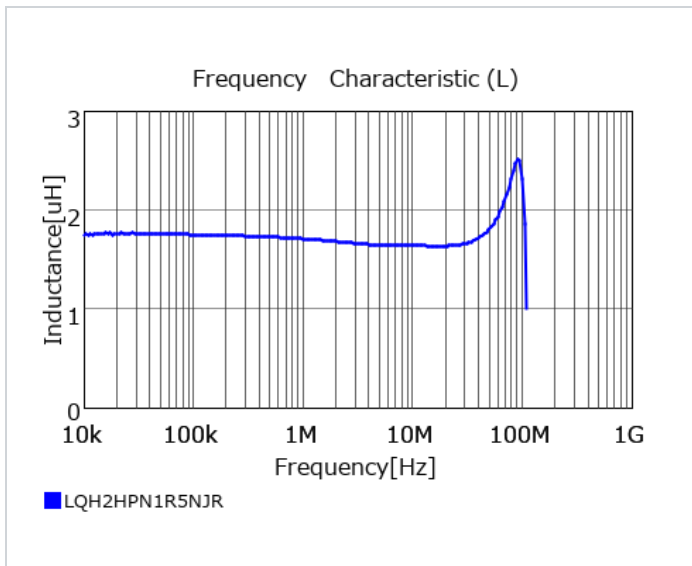
Mass (Typ.)	
1 piece	0.023g

Specifications

Inductance	$1.5\mu\text{H} \pm 30\%$
Inductance test frequency	1MHz
Rated current (I _{sat}) (Based on Inductance change)	2200mA
Rated current (I _{temp}) (Based on Temperature rise)	1810mA(Ambient temp.85°C) 1080mA(Ambient temp.105°C)
Max. of DC resistance	0.09Ω
Avg. of DC resistance	$0.075\Omega \pm 20\%$
Self resonance frequency (min.)	95MHz
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	Magnetic Resin
Series	LQH2HPN_JR

Attention

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- This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.



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