

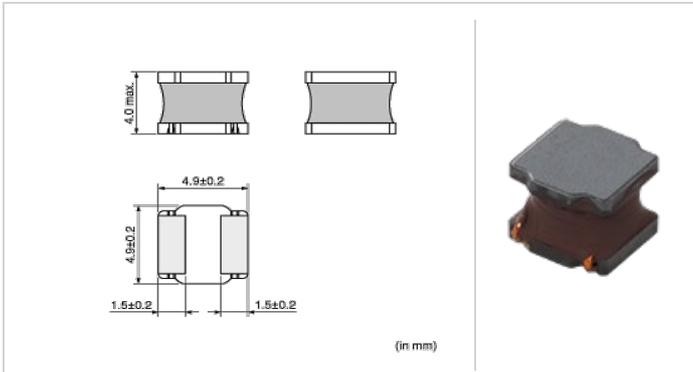
LQH5BPN330M38#

indicates a package specification code.



< List of part numbers with package codes >
 LQH5BPN330M38L , LQH5BPN330M38K

Shape



L size	4.9 ±0.2mm
W size	4.9 ±0.2mm
T size	4.0mm max.
Size code in inch (mm)	2020 (5050)

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. (ambient temperature 85 °C).
 Keep the temperature (ambient temperature plus self-generation of heat) under 125 °C.

References

Packaging code	Specifications	Minimum quantity
L	φ180mm Embossed taping	400
K	φ330mm Embossed taping	1500

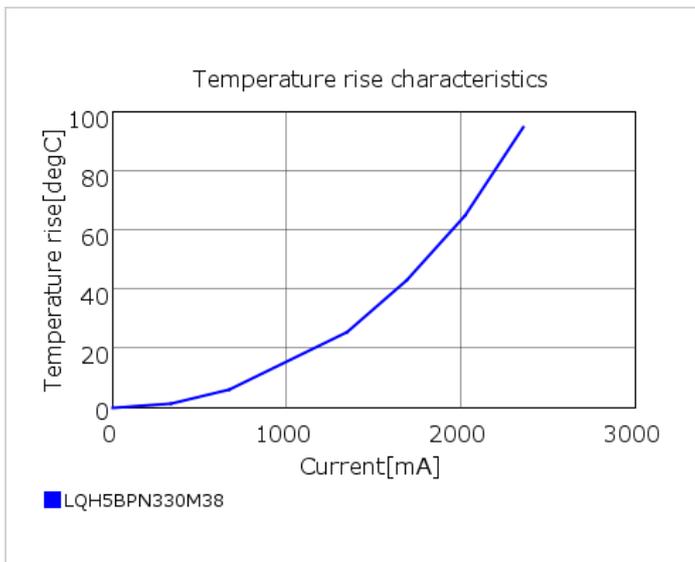
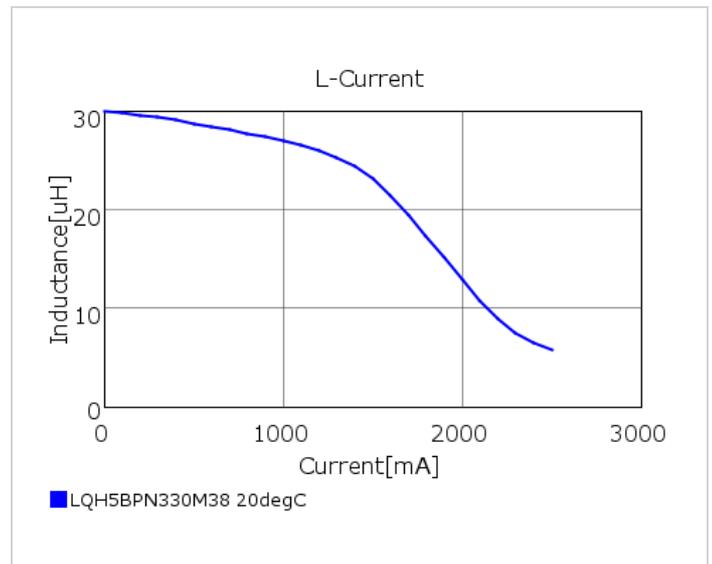
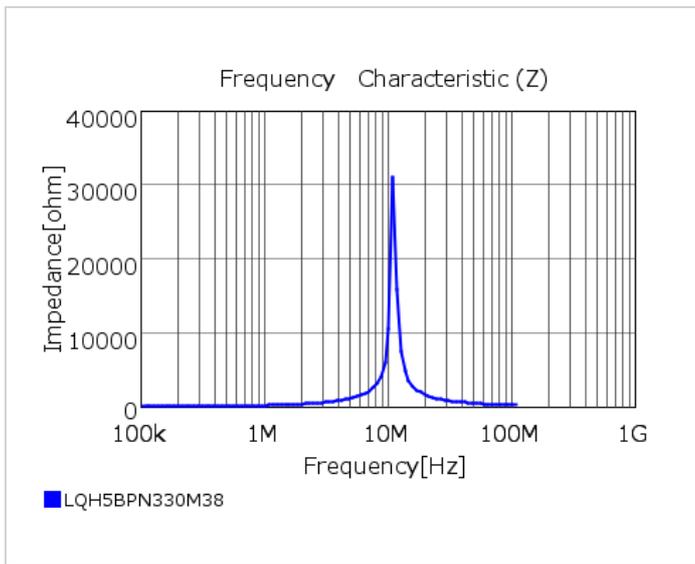
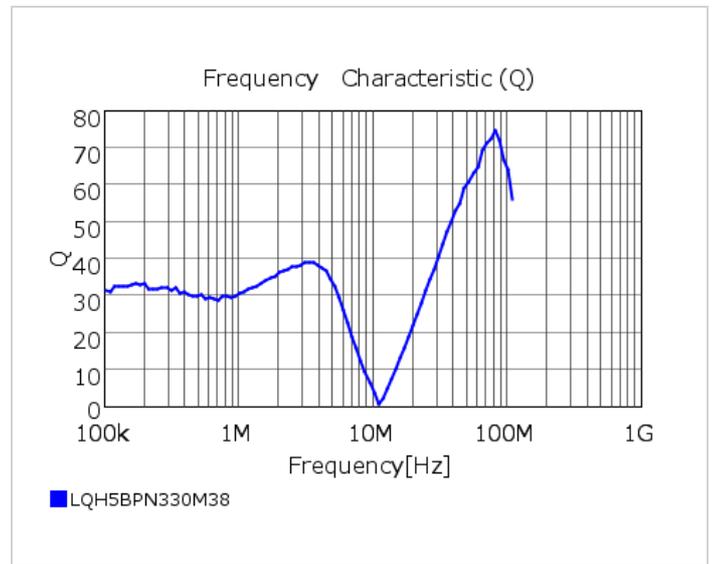
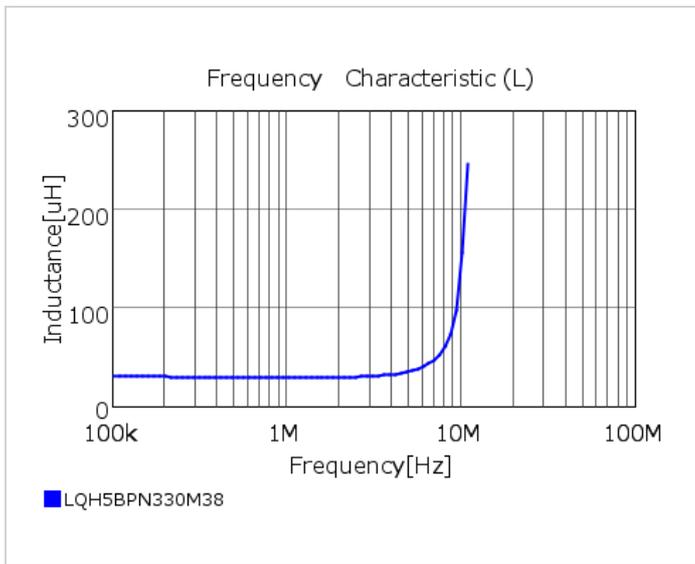
Mass (Typ.)	
1 piece	0.35g

Specifications

Inductance	33μH ±20%
Inductance test frequency	100kHz
Rated current (I _{sat}) (Based on Inductance change)	1300mA
Rated current (I _{temp}) (Based on Temperature rise)	1300mA
Max. of DC resistance	0.18Ω
Avg. of DC resistance	0.15Ω ±20%
Self resonance frequency (min.)	6.5MHz
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 85°C
Class of magnetic shield	Magnetic Resin
Series	LQH5BPN_38

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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