

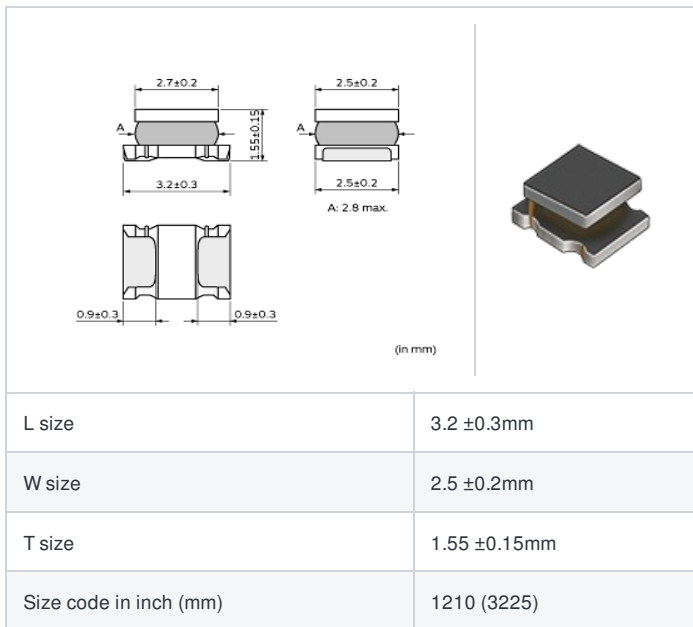
LQH32PH100MN0#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQH32PH100MN0L , LQH32PH100MN0K

Shape



Notes

When rated current is applied to the products, inductance will be within $\pm 30\%$ of nominal inductance value.
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
L	φ180mm Embossed taping	2000
K	φ330mm Embossed taping	7500

Mass (Typ.)	
1 piece	0.044g

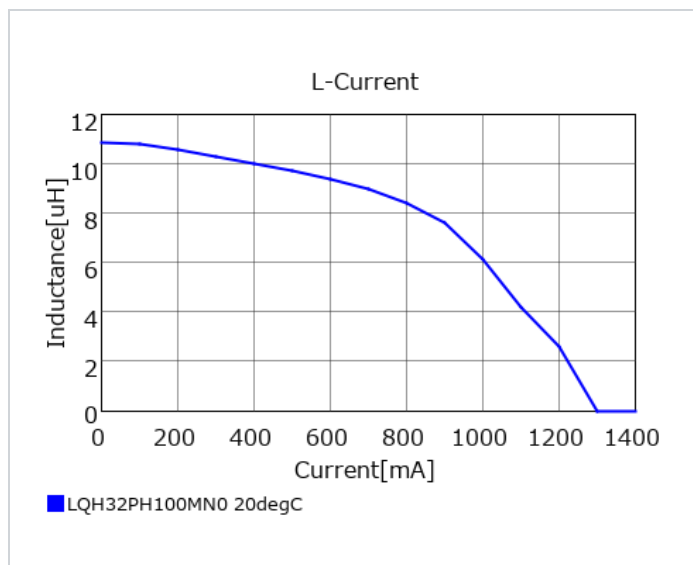
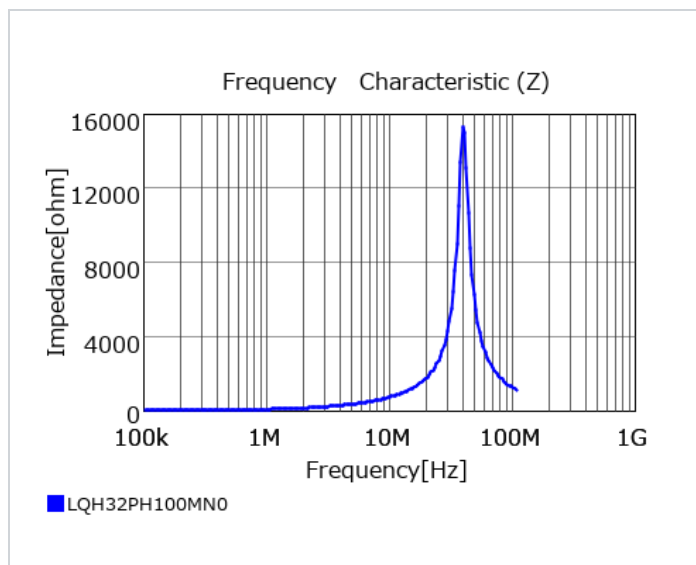
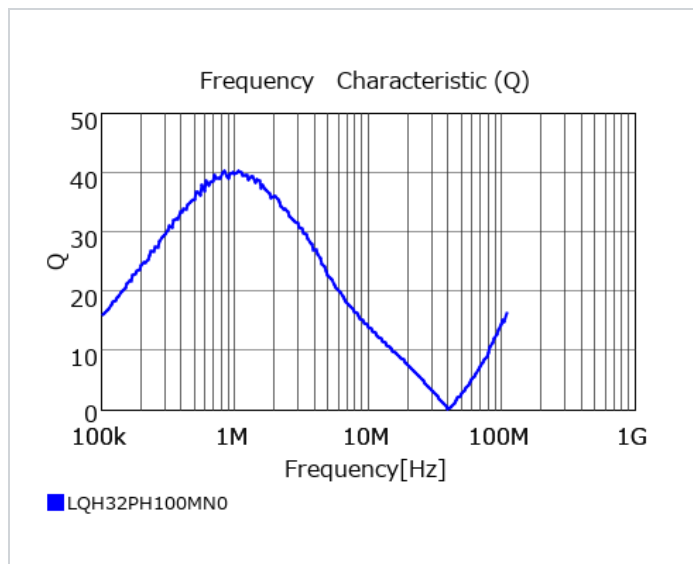
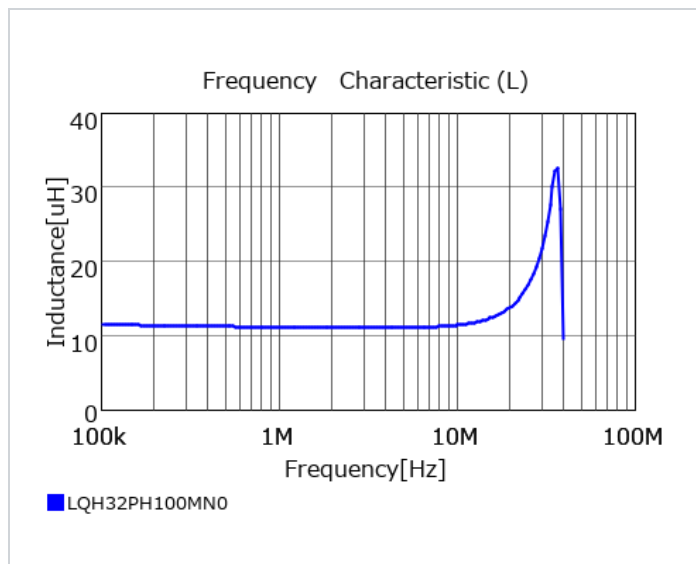
Specifications

Inductance	10μH ±20%
Inductance test frequency	1MHz
Rated current (I _{sat}) (Based on Inductance change)	750mA
Rated current (I _{temp}) (Based on Temperature rise)	700mA(Ambient temp.85°C) 380mA(Ambient temp.105°C)
Max. of DC resistance	0.456Ω
Avg. of DC resistance	0.38Ω ±20%
Self resonance frequency (min.)	30MHz
Operating temperature range (Self-temperature rise is included)	-40 to 125°C
Operating temperature range (Self-temperature rise is not included)	-40 to 105°C
Class of magnetic shield	Magnetic Resin
Series	LQH32PH_N0

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