

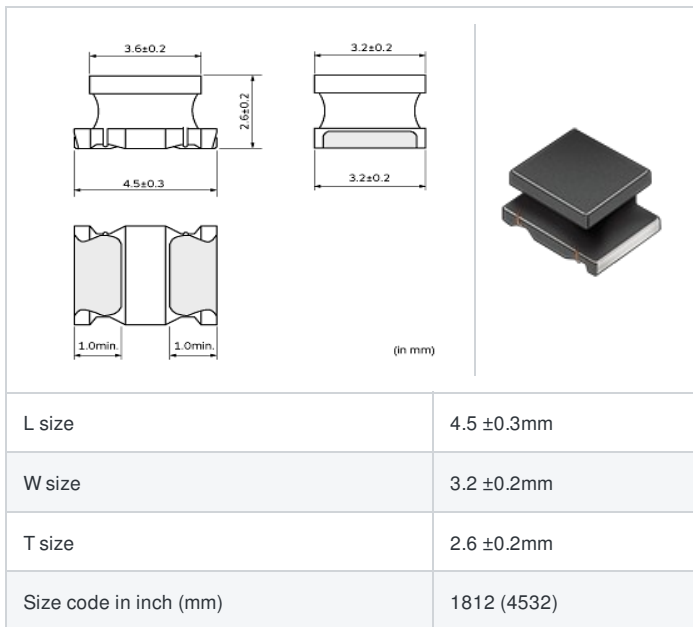
LQH43PN470M26#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQH43PN470M26L , LQH43PN470M26K

Shape



Notes

When rated current is applied to the products, inductance will be within ±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	500
K	φ330mm Embossed taping	2500

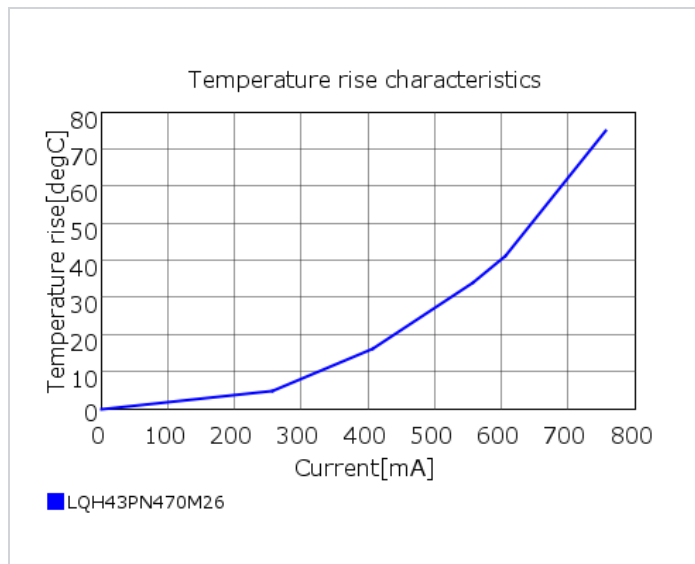
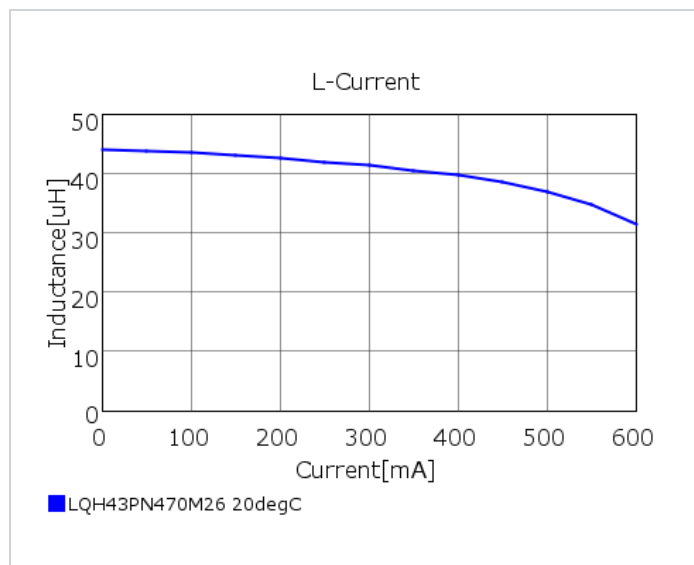
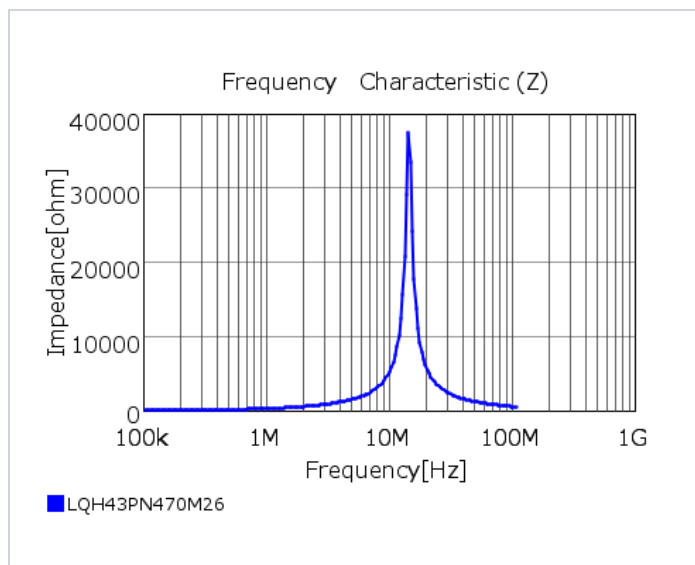
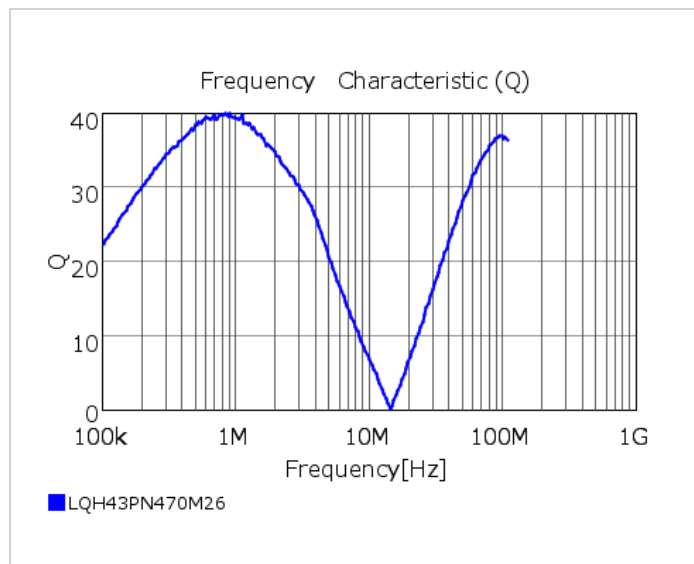
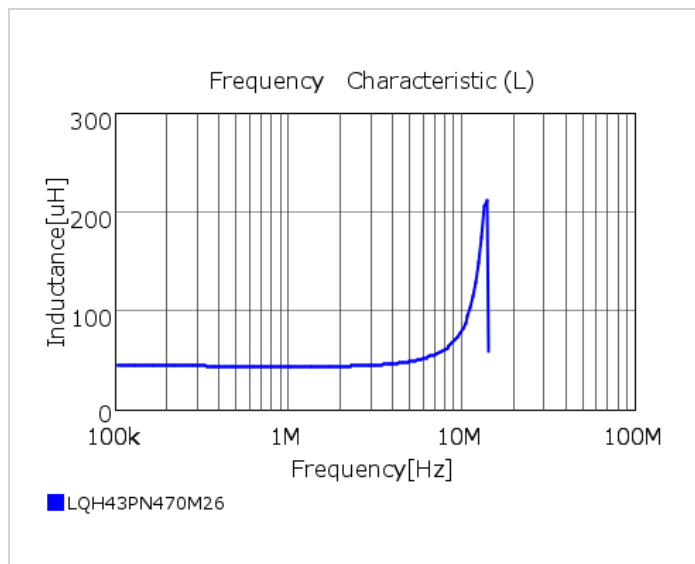
Mass (Typ.)	
1 piece	0.13g

Specifications

Inductance	47μH ±20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	470mA
Rated current (Itemp) (Based on Temperature rise)	520mA
Max. of DC resistance	0.8616Ω
Avg. of DC resistance	0.718Ω±20%
Self resonance frequency (min.)	8MHz
Operating temperature range (Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Magnetic Resin
Series	LQH43PN_26

Attention

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2.This datasheet has only typical specifications because there is no space for detailed specifications.
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