

LQH43PB100M26#

indicates a package specification code.



< List of part numbers with package codes >
LQH43PB100M26L , LQH43PB100M26K

Shape

L size	4.5 ±0.3mm
W size	3.2 ±0.2mm
T size	2.6 ±0.2mm
Size code in inch (mm)	1812 (4532)

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	500
K	φ330mm Embossed taping	2500

Mass (Typ.)	
1 piece	0.13g

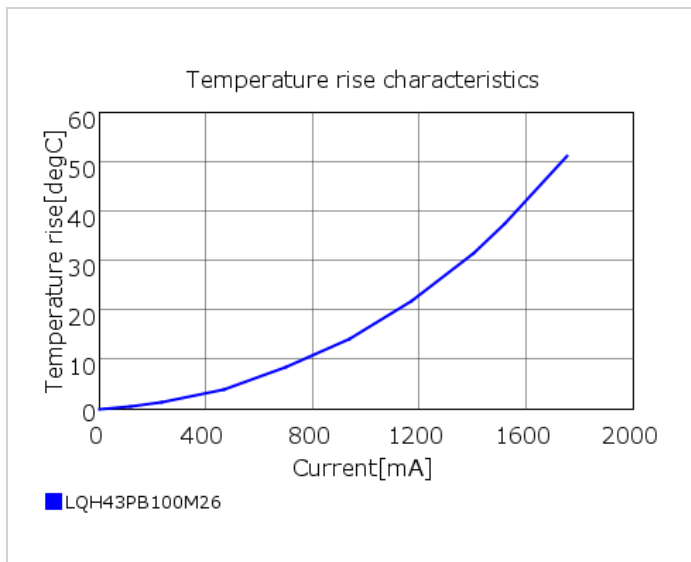
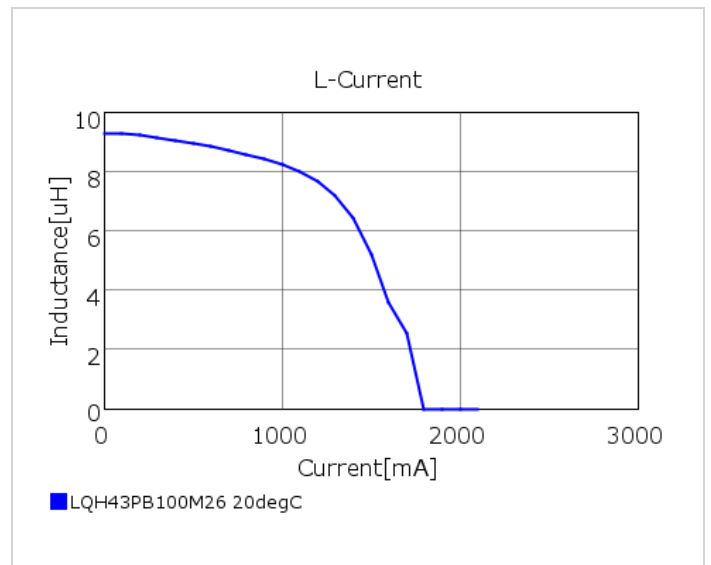
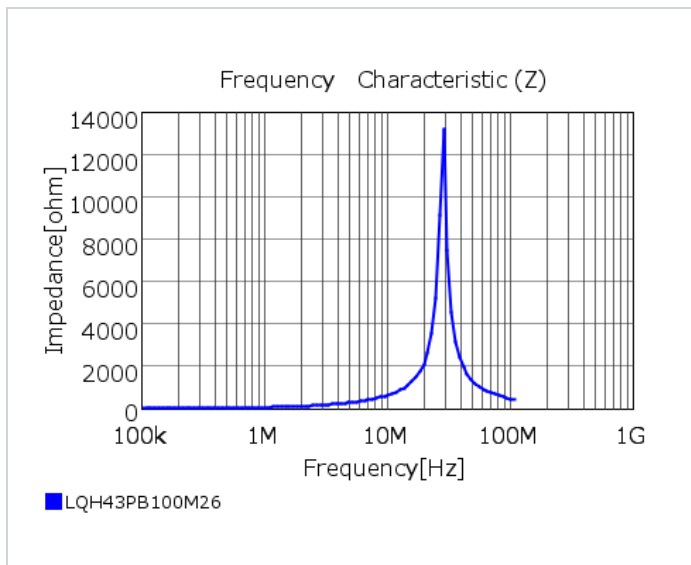
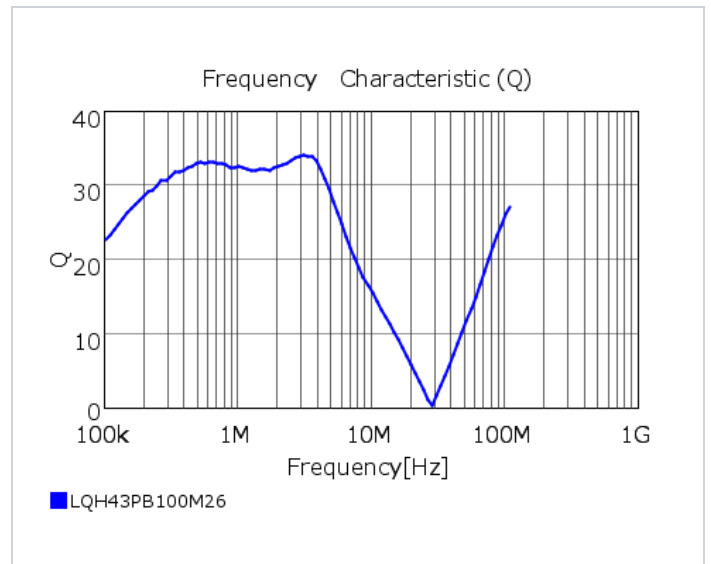
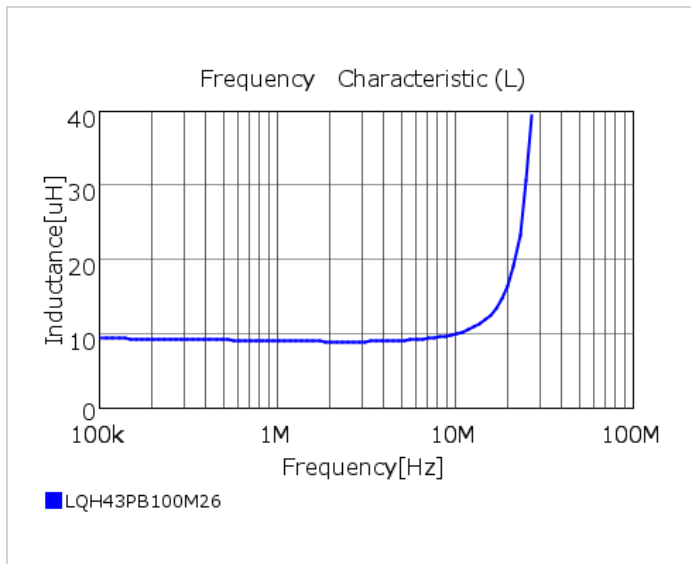
Specifications

Inductance	10μH $\pm 20\%$
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	1050mA
Rated current (Itemp) (Based on Temperature rise)	1170mA(Ambient temp.85°C) 620mA(Ambient temp.105°C)
Max. of DC resistance	0.1764Ω
Avg. of DC resistance	0.147Ω $\pm 20\%$
Self resonance frequency (min.)	20MHz
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	LQH43PB_26

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