

LQH44PN2R2MP0#

“#” indicates a package specification code.

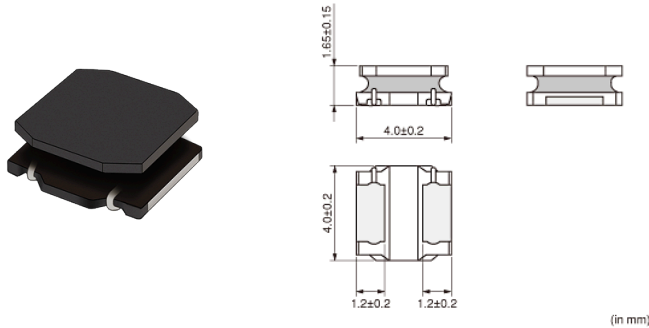
Size Code 4040 (1515) in mm (in inch), 1.8mm max. Thickness



< List of part numbers with package codes >

LQH44PN2R2MP0K LQH44PN2R2MP0L

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
K	330Embossed Tape	3500
L	180Embossed Tape	1000

Mass (typ.)	
1 piece	0.1g

Notices

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, 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.

Attention

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Specifications

L size	4.0±0.2mm
W size	4.0±0.2mm
T size	1.65±0.15mm
Size code inch (mm)	1515 (4040)
Inductance	2.2μH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	2500mA
Rated current (Itemp) (Based on Temperature rise)	1800mA
Max. of DC resistance	0.0588Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C
Class of magnetic shield	Magnetic Resin
Self resonance frequency (min.)	70MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
DC Resistance Intermediate Values	0.049Ω±20%
Series	LQH44PN_P0

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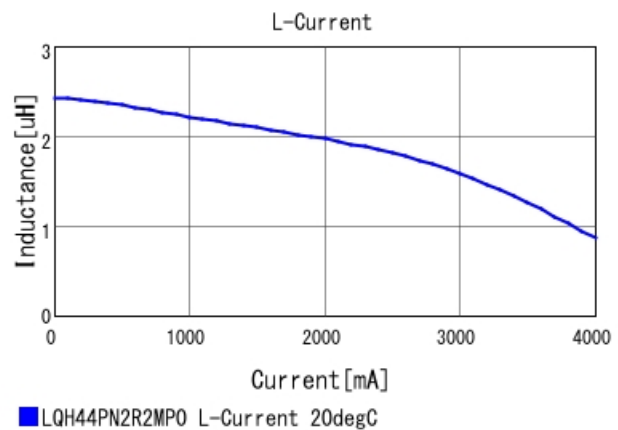
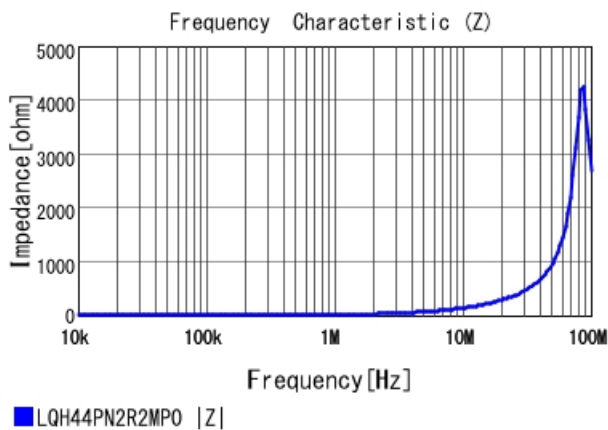
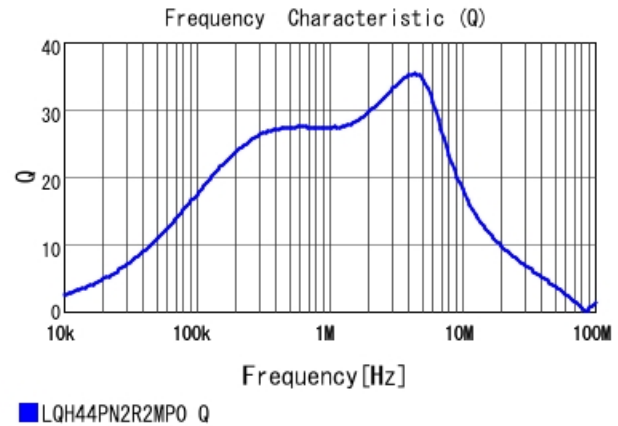
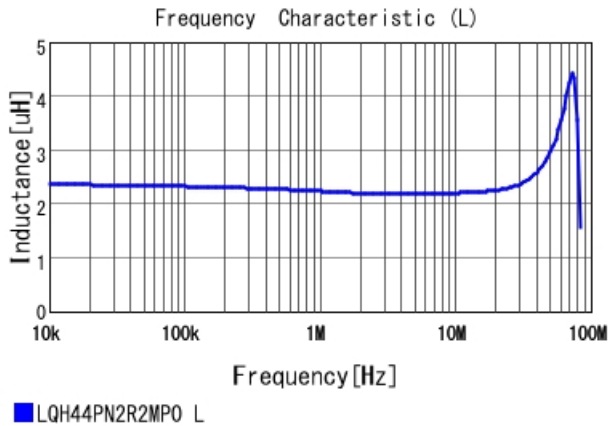
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Characteristic Data

The charts below may show another part number which shares its characteristics.



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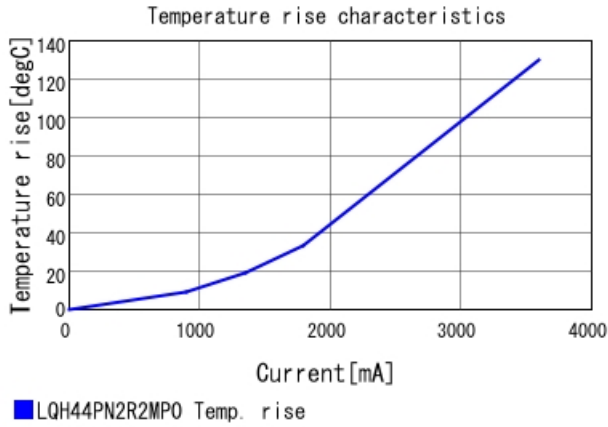
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