

LQH32PN100MNC#

“#” indicates a package specification code.

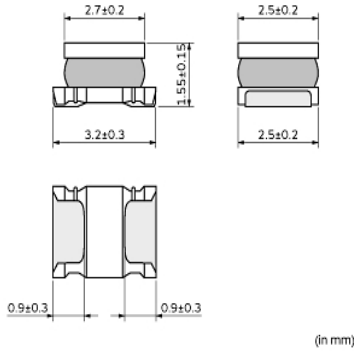
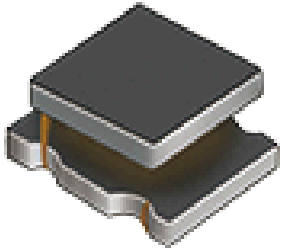
Bias Current Characteristics Improved



< List of part numbers with package codes >

LQH32PN100MNCK LQH32PN100MNCL

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
K	330Embossed Tape	7500
L	180Embossed Tape	2000

Mass (typ.)	
1 piece	0.044g

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, 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 .

Attention

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Specifications

L size	3.2±0.3mm
W size	2.5±0.2mm
T size	1.55±0.15mm
Size code inch (mm)	1210 (3225)
Inductance	10μH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	1000mA
Rated current (Itemp) (Based on Temperature rise)	900mA
Max. of DC resistance	0.354Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C
Class of magnetic shield	Magnetic Resin
Self resonance frequency (min.)	30MHz
Operating Temperature Range (Self-temperature rise is not included)	-40°C to 85°C
DC Resistance Intermediate Values	0.295Ω±20%
Series	LQH32PN_NC

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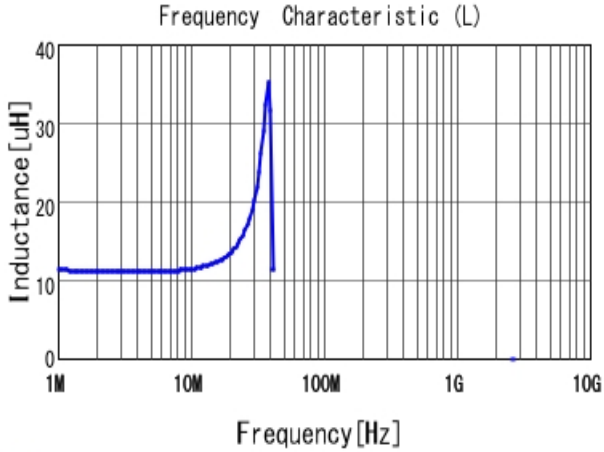
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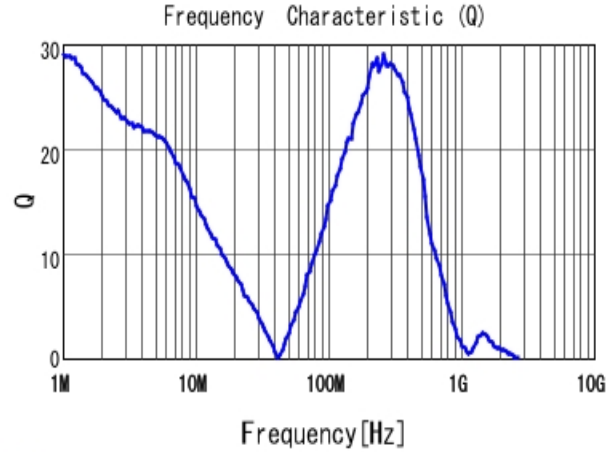
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Characteristic Data

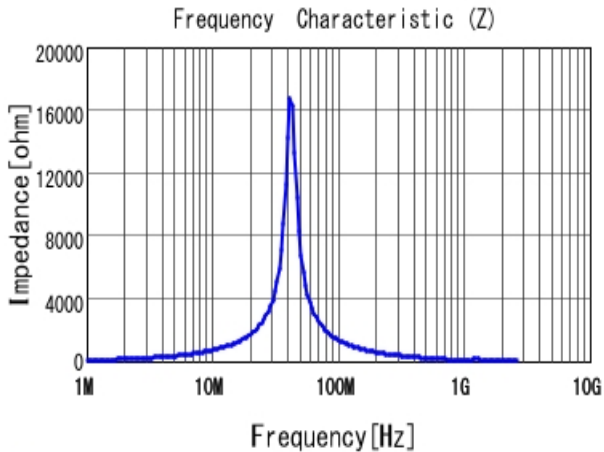
The charts below may show another part number which shares its characteristics.



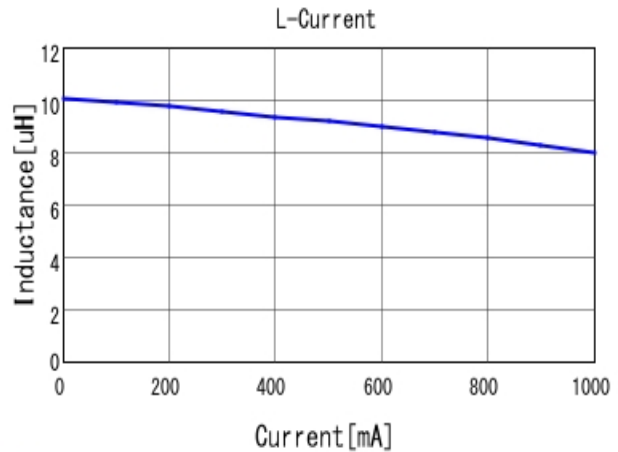
■ LQH32PN100MNC L



■ LQH32PN100MNC Q



■ LQH32PN100MNC |Z|



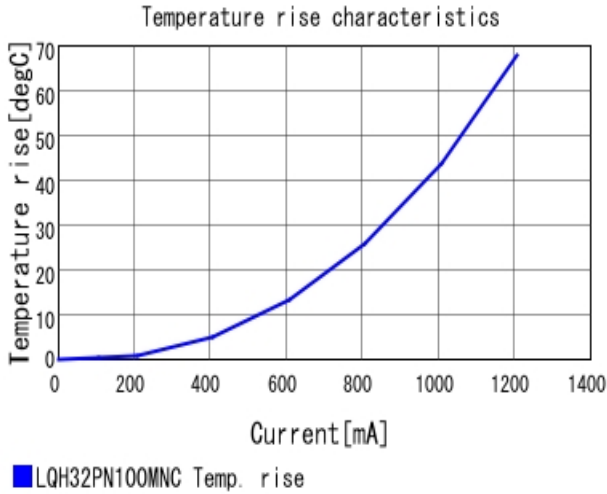
■ LQH32PN100MNC L-Current 20degC

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