

# LQH2HPN100MG0#

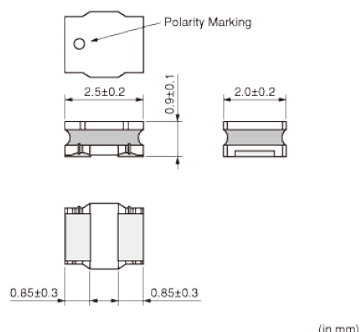
“#” indicates a package specification code.

Size Code 2520 (1008) in mm (in inch), 1.0mm max. Thickness



< List of part numbers with package codes >  
LQH2HPN100MG0L

## Appearance & Shape



## References

Packaging	Specifications	Minimum Order Quantity
L	180Embossed Tape	3000

Mass (typ.)	
1 piece	0.019g

## Notices

When rated current is applied to the products, inductance will be within - 30% of minimum rated inductance value.  
When rated current is applied to the products, self-temperature rise shall be limited to 40°C max. Keep the temperature (ambient temperature plus self-generation of heat) under 125°C

### Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet has only typical specifications because there is no space for detailed specifications.  
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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## Specifications

L size	2.5±0.2mm
W size	2.0±0.2mm
T size	0.9±0.1mm
Size code inch (mm)	1008 (2520)
Inductance	10μH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	700mA
Rated current (Itemp) (Based on Temperature rise)	490mA
Max. of DC resistance	0.876Ω
Class of magnetic shield	Magnetic Resin
Self resonance frequency (min.)	10MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
DC Resistance Intermediate Values	0.73Ω±20%
Series	LQH2HPN_G0

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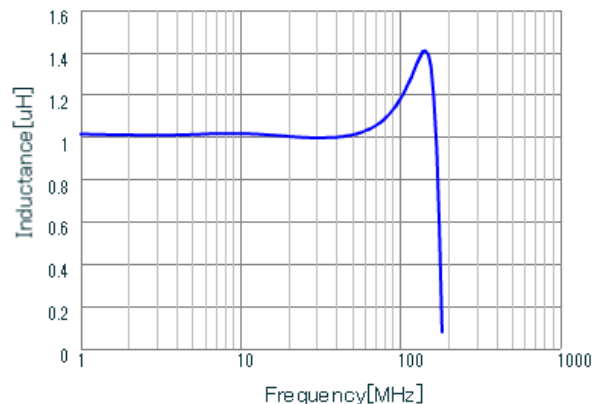
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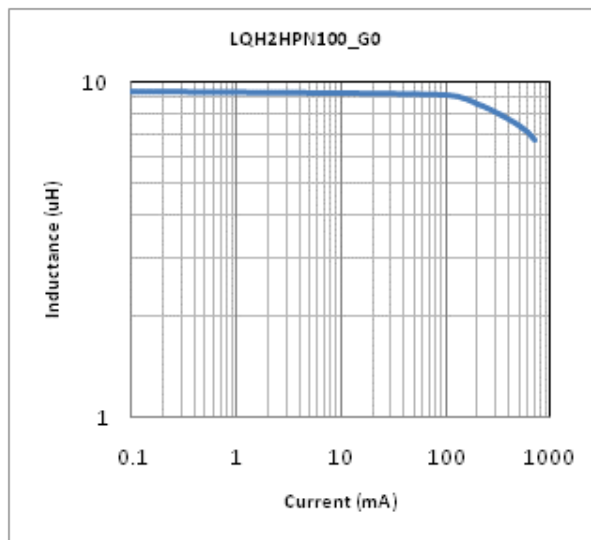
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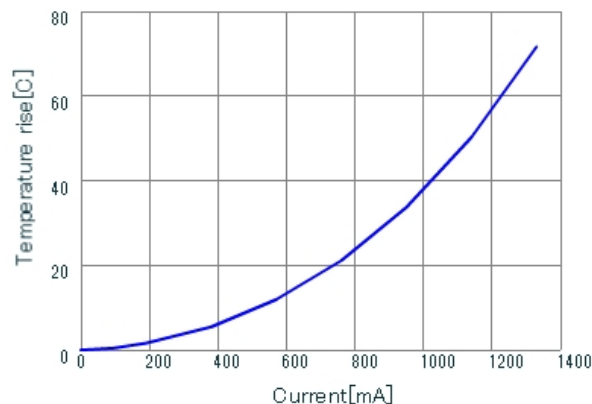
## Product Data



Inductance - Frequency Characteristics



Impedance - Current Characteristics



Temperature Increase Characteristic

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