

# LQH44PN1R5MJ0#

“#” indicates a package specification code.

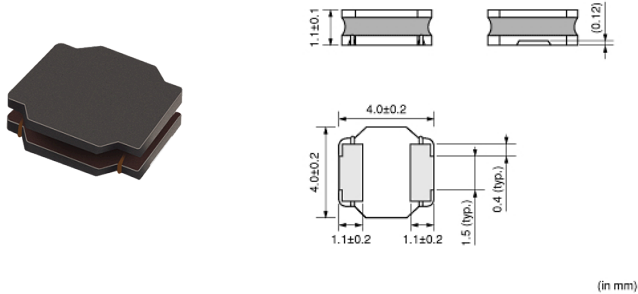
Size Code 4040 (1515) in mm (in inch), 1.2mm max. Thickness



< List of part numbers with package codes >

LQH44PN1R5MJ0K      LQH44PN1R5MJ0L

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
K	330Embossed Tape	4500
L	180Embossed Tape	1000

Mass (typ.)	
1 piece	0.07g

## 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**  
1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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	4.0±0.2mm
W size	4.0±0.2mm
T size	1.1±0.1mm
Size code inch (mm)	1515 (4040)
Inductance	1.5μH±20%
Inductance Test Frequency	100kHz
Rated current (Isat) (Based on Inductance change)	1600mA
Rated current (Itemp) (Based on Temperature rise)	1380mA
Max. of DC resistance	0.0732Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C
Class of magnetic shield	Magnetic Resin
Self resonance frequency (min.)	90MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Brand	Murata
DC Resistance Intermediate Values	0.061Ω±20%
Series	LQH44PN_J0

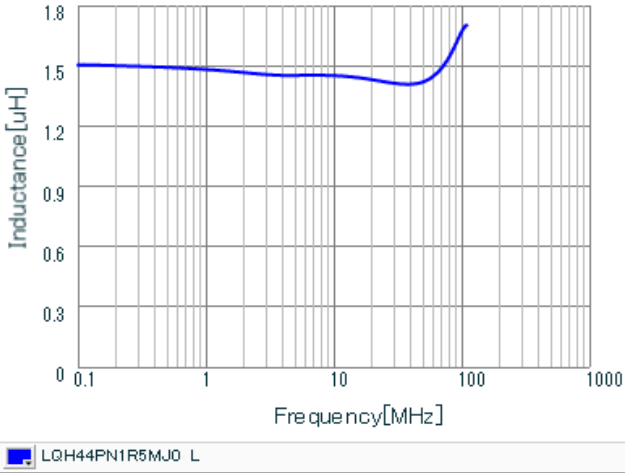
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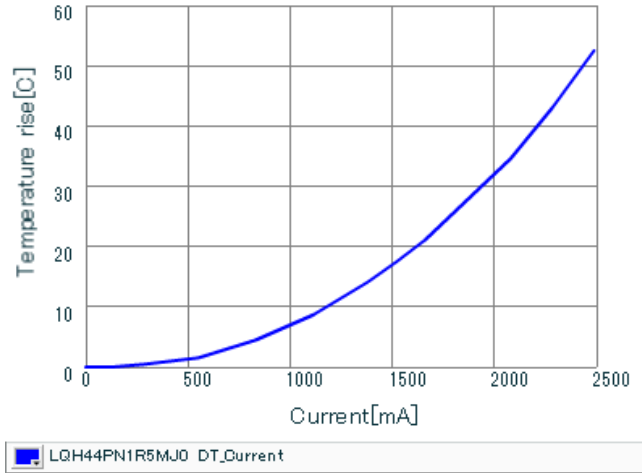
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## Characteristic Data



Inductance - Frequency Characteristics



Temperature Increase Characteristic

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