

LQH3NPN4R7MMR#

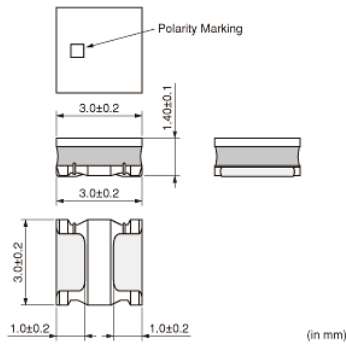
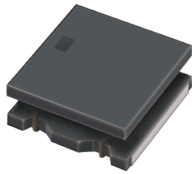
“#” indicates a package specification code.

Low DC Resistance Type



< List of part numbers with package codes >
LQH3NPN4R7MMRE LQH3NPN4R7MMRF

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
E	180Embossed Tape E	2000
F	330Embossed Tape	8000

Mass (typ.)	
1 piece	0.051g

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
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.

LQH3NPN4R7MMR#

“#” indicates a package specification code.



Specifications

L size	3.0±0.2mm
W size	3.0±0.2mm
T size	1.4±0.1mm
Size code inch (mm)	1212 (3030)
Inductance	4.7μH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	950mA
Rated current (Itemp) (Based on Temperature rise)	1400mA
Max. of DC resistance	0.126Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C
Class of magnetic shield	Magnetic Resin
Self resonance frequency (min.)	57MHz
Operating Temperature Range (Self-temperature rise is not included)	-40°C to 85°C
Brand	Murata
DC Resistance Intermediate Values	0.105Ω±20%
Series	LQH3NPN_MR

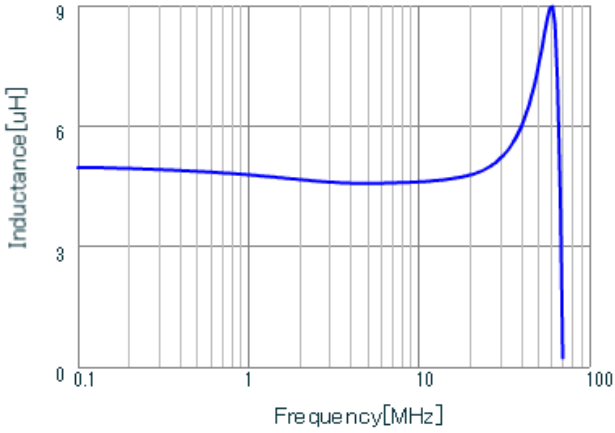
Attention

- 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.

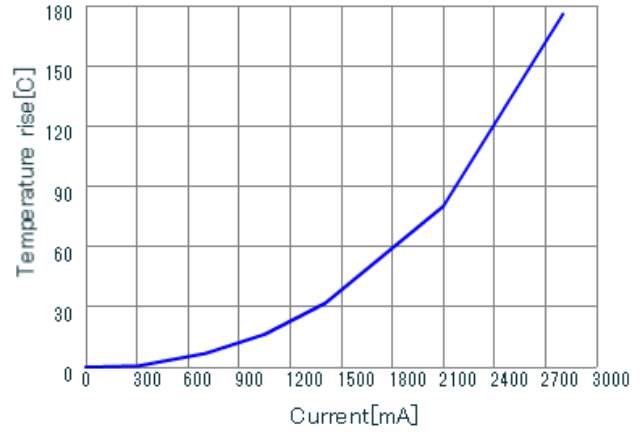
LQH3NPN4R7MMR#

"#" indicates a package specification code.

Characteristic Data



LQH3NPN4R7MMR L



LQH3NPN4R7MMR DT_Current

Inductance - Frequency Characteristics

Temperature Increase Characteristic

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.