

LQH3NPN3R3MMR#

“#” indicates a package specification code.

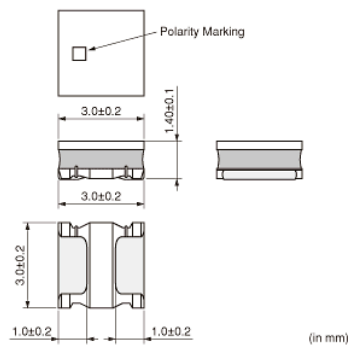
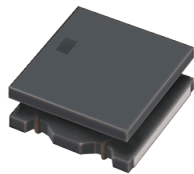
Low DC Resistance Type



< List of part numbers with package codes >

LQH3NPN3R3MMRE LQH3NPN3R3MMRF

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
E	180 Embossed Tape E	2000
F	330 Embossed 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, 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	3.0±0.2mm
W size	3.0±0.2mm
T size	1.4±0.1mm
Size code inch (mm)	1212 (3030)
Inductance	3.3μH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	1200mA
Rated current (Itemp) (Based on Temperature rise)	1550mA
Max. of DC resistance	0.106Ω
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
Brand	Murata
DC Resistance Intermediate Values	0.088Ω±20%
Series	LQH3NPN_MR

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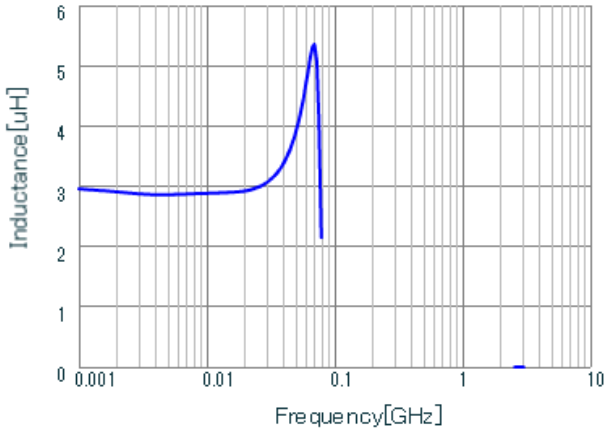
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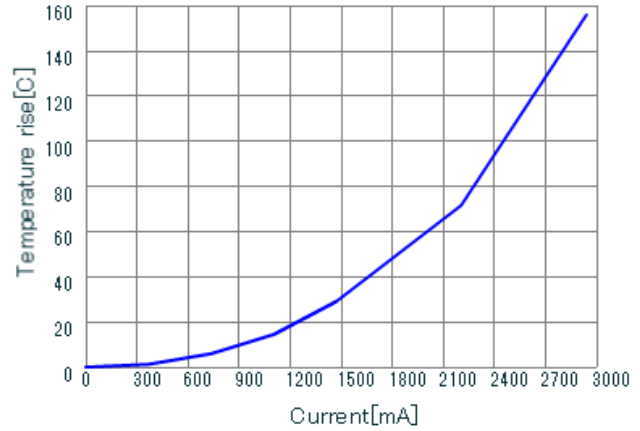
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Characteristic Data



LQH3NPN3R3MMR L



LQH3NPN3R3MMR DT_Current

Inductance - Frequency Characteristics

Temperature Increase Characteristic

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