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Please download the latest datasheet of LQH3NPH6R8MME# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQH3NPH6R8MME%23

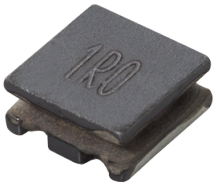
LQH3NPH6R8MME#

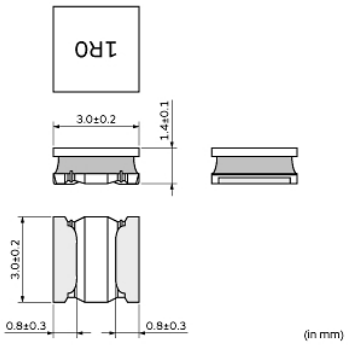
"#" indicates a package specification code.

In Production | Power-train | AEC-Q200 | RoHS | REACH | 125 °C max. | Wound (Ferrite) | Low Rdc | Bias | Reflow OK

< List of part numbers with package codes >
LQH3NPH6R8MMEL

Appearance & Shape





References

Packaging	Specifications	Standard Packing Quantity
L	180Embossed Tape	2000

Mass (typ.)	
1 piece	0.051g

Notices

When rated current is applied to the products, inductance will be within ±30% of initial inductance value range. Keep the temperature (ambient temperature plus self-generation of heat) under 125°C. When rated current is applied to the products, the self-temperature rise shall be limited to 40°C max. (ambient temperature 85°C). When rated current is applied to the products, the self-temperature rise shall be limited to 20°C max. (ambient temperature 85°C to 105°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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LQH3NPH6R8MME#

"#" 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	6.8μH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	1040mA
Rated current (Itemp) (Based on Temperature rise)	1450mA(Ambient temp.85℃) 900mA(Ambient temp.105℃)
Max. of DC resistance	0.168Ω
Operating Temperature Range (Self-temperature rise is included)	-40℃ to 125℃
Class of magnetic shield	Magnetic Resin
Self resonance frequency (min.)	30MHz
Operating Temperature Range(Self-temperature rise is not included)	-40℃ to 105℃
Brand	Murata
DC Resistance Intermediate Values	0.14Ω±20%
Series	LQH3NPH_ME

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LQH3NPH6R8MME#

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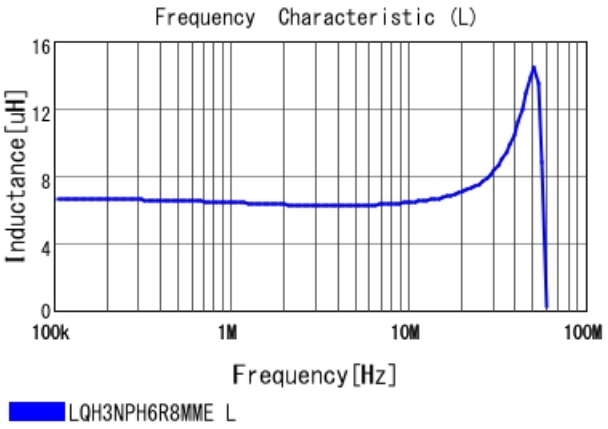
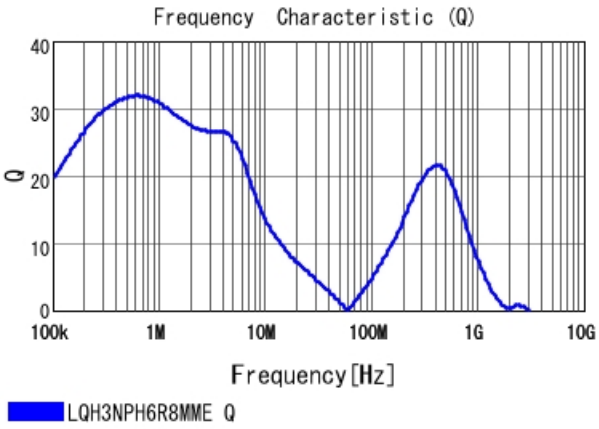
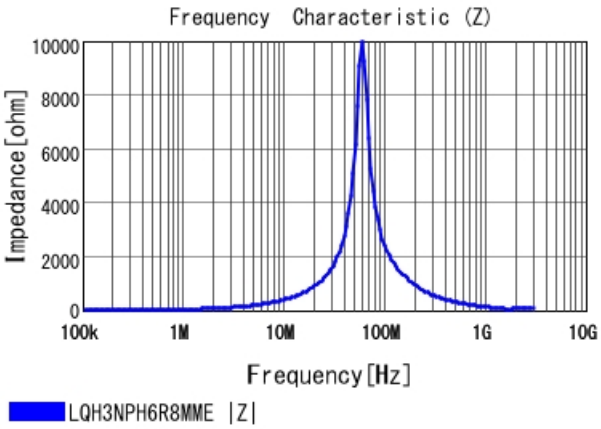
Characteristic Data

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







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