



Inductors (Coils)

Wire Wound Ferrite Inductor for Power Lines For Automotive

Please be sure to read these general terms of use, before using this product.

Cautions about imitations

LQH3NPH101MME# "# indicates a package specification code.

AEC-Q200 Conforming Products *Please contact us if you have any questions.

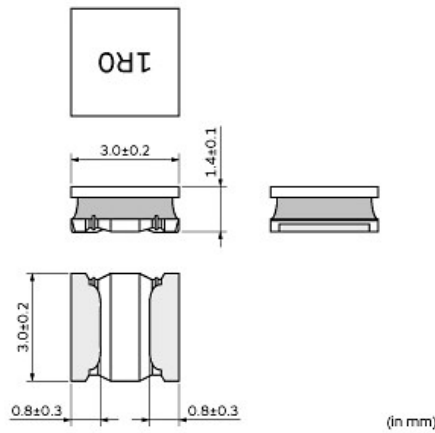
In Production New



< List of part numbers with package codes >

LQH3NPH101MMEL

Appearance & Shape



Specifications

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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	100μH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	260mA
Rated current (Itemp) (Based on Temperature rise)	430mA(Ambient temp.85°C)270mA(Ambient temp.105°C)
Max. of DC resistance	1.908Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C
Class of magnetic shield	Magnetic Resin

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20pcs free sample request

Stock Check (Where to buy)

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How to read part numbers

Series Information

Details

Specifications Sheet (with cautions/mounting/packaging)

Self resonance frequency (min.)	3MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 105°C
DC Resistance Intermediate Values	1.59Ω±20%
Series	LQH3NPH_ME

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).

References

Packaging	Specifications	Minimum Order Quantity
L	180Embossed Tape	2000

Mass (typ.)	
1 piece	0.051g

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