

Note: This datasheet may be out of date

Please download the latest datasheet of LQH44PN680MPR# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LQH44PN680MPR%23

"#"at the end indicates the package specification code.

Size Code 4040 (1515) in mm (in inch), 1.8mm max. Thickness. Low DC resistance design













< List of part numbers with package codes > LQH44PN680MPRK LQH44PN680MPRL



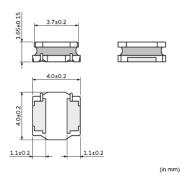
Applications

Please be sure to read and comply with
these "Precautions for use."
Consumer equipment, Medical
equipment [GHTF A/B/C] except for
implant & surgery & auto injector,
Industrial equipment except for
transportation & facility & energy
equipment
Please refer to Our Website and
specifications, etc. for information about
the performance, functions, quality,
management, and safety required for
the above applications, and use
Products after confirming the
performance and reliability of the actual
Product.
Canadiana
Consumer equipment



Appearance & Shape







Notices

When rated current is applied to the products, keep the temperature (ambient temperature plus self-generation of heat) under 125°C.

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2. This datasheet has only typical specifications because there is no space for detailed specifications.





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References

Packaging	Specifications	Standard Packing Quantity
К	330Embossed Tape	3500
L	180Embossed Tape	1000

Mass (typ.)	
1 piece	0.105g

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Specifications

L size	4.0±0.2mm
W size	4.0±0.2mm
T size	1.65±0.15mm
Size code inch (mm)	1515 (4040)
Inductance	68μH±20%
Inductance Test Frequency	100kHz
Rated current (Isat) (Based on Inductance change)	580mA
Rated current (Itemp) (Based on Temperature rise)	500mA
Max. of DC resistance	1.2Ω
DC resistance	1Ω±20%
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Shielded (Magnetic Resin)
Self resonance frequency (min.)	8MHz
Brand	Murata
Series	LQH44PN_PR

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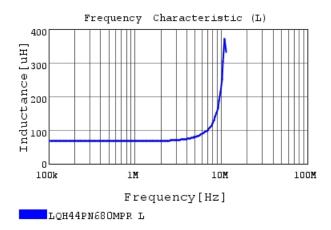
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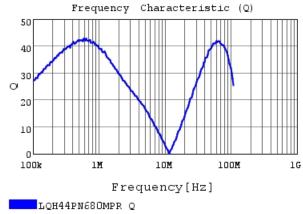
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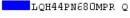


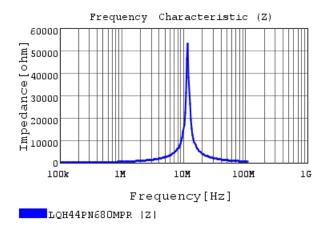
Characteristic Data

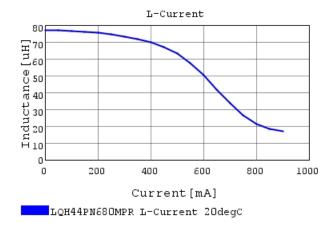
The charts below may show another part number which shares its characteristics.











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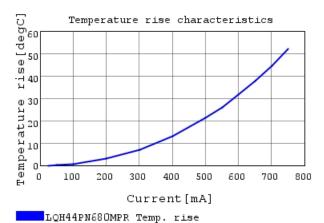


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