

# LQM2HPN1R5MCH#

"#" indicates a package specification code.

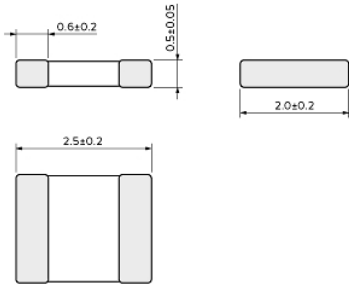
Realized both good bias current characteristics and low profile of 0.55mm max.



< List of part numbers with package codes >

LQM2HPN1R5MCHB      LQM2HPN1R5MCHK      LQM2HPN1R5MCHL

## Appearance & Shape



(in mm)

## References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
K	330Embossed Tape	10000
L	180Embossed Tape	3000

Mass (typ.)	
1 piece	0.014g

## Notices

When rated current is applied to the products, inductance will be within  $\pm 30\%$  of initial inductance value range. 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.

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## Specifications

L size	2.5±0.2mm
W size	2.0±0.2mm
T size	0.5±0.05mm
Size code inch (mm)	1008 (2520)
Inductance	1.5μH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	0.6A(Max.) / 0.7A(Typ.)
Rated current (Itemp) (Based on Temperature rise)	0.95A(Max.) / 1.1A(Typ.)
Max. of DC resistance	0.36Ω
Class of magnetic shield	Ferrite Core
Self resonance frequency (min.)	40MHz
Brand	Murata
DC Resistance Intermediate Values	0.285Ω(typ.)
Operating Temperature Range	-40°C to 85°C
Series	LQM2HPN_CH

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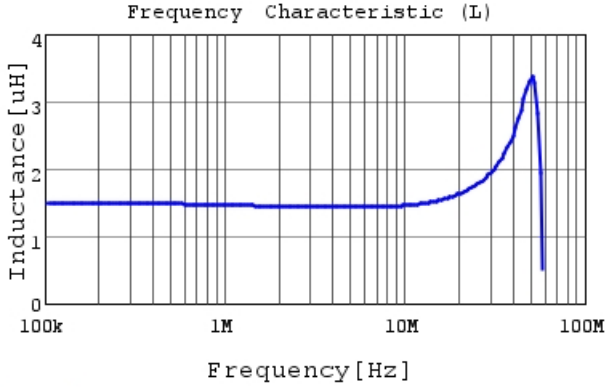
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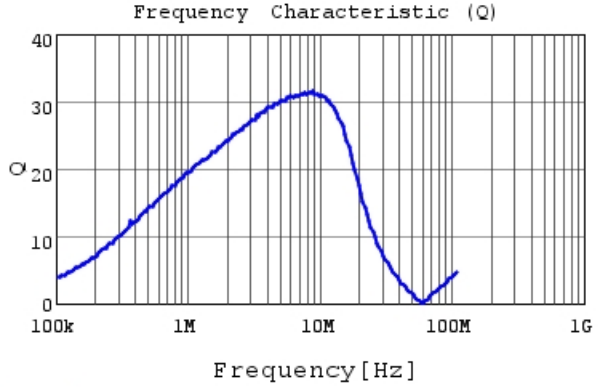


## Characteristic Data

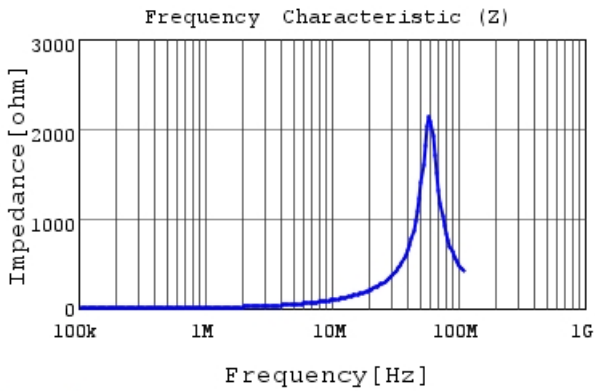
The charts below may show another part number which shares its characteristics.



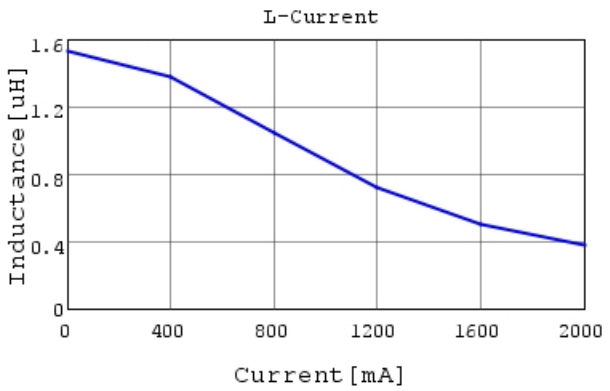
LQM2HPN1R5MCH L



LQM2HPN1R5MCH Q



LQM2HPN1R5MCH |Z|



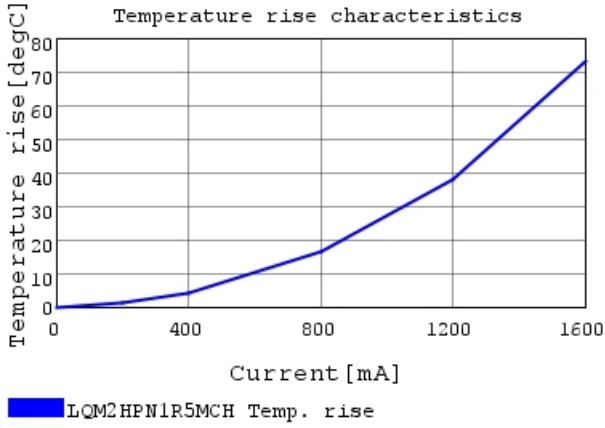
LQM2HPN1R5MCH L-Current 20degC

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