

LQM21PN2R2MCH#

“#” indicates a package specification code.

Low profile, excellent current bias characteristics



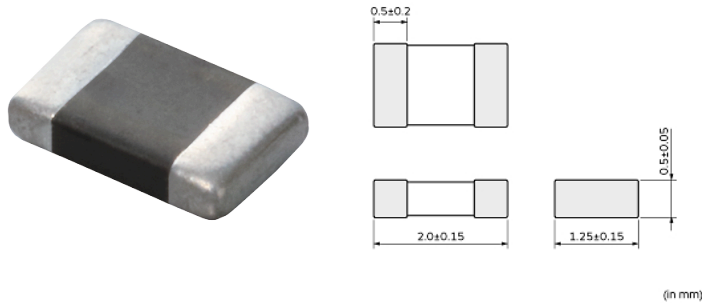
< List of part numbers with package codes >

LQM21PN2R2MCHB

LQM21PN2R2MCHD

LQM21PN2R2MCHJ

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
D	180mm Paper Tape	3000
J	330mm Paper Tape	10000

Mass (typ.)	
1 piece	0.007g

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

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

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Specifications

L size	2.0±0.15mm
W size	1.25±0.15mm
T size	0.5±0.05mm
Size code inch (mm)	0805 (2012)
Inductance	2.2μH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	0.18A(Max.) / 0.2A(Typ.)
Rated current (Itemp) (Based on Temperature rise)	1.05A(Max.) / 1.3A(Typ.)
Max. of DC resistance	0.25Ω
Class of magnetic shield	Ferrite Core
Self resonance frequency (min.)	30MHz
Brand	Murata
DC Resistance Intermediate Values	0.2Ω(typ.)
Operating Temperature Range	-40°C to 85°C
Series	LQM21PN_CH

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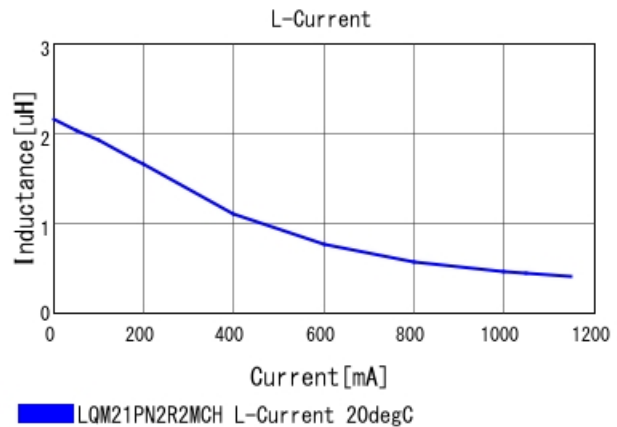
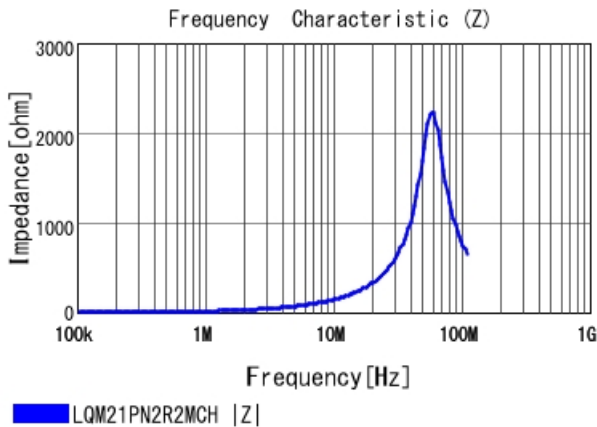
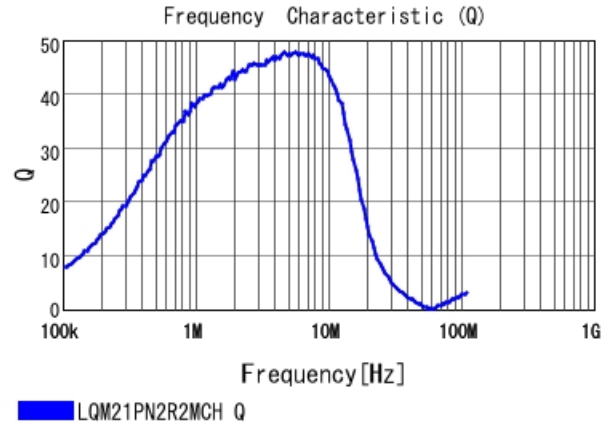
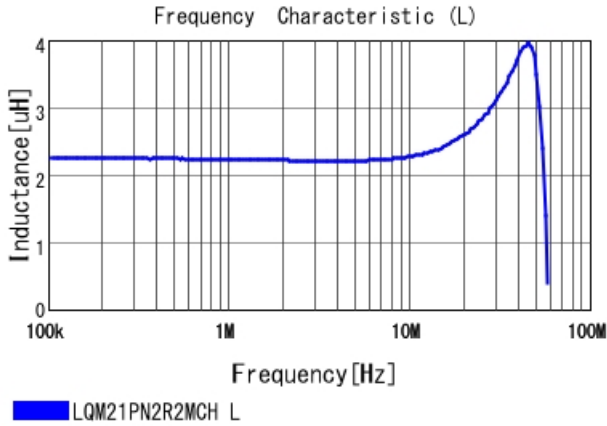
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Characteristic Data

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

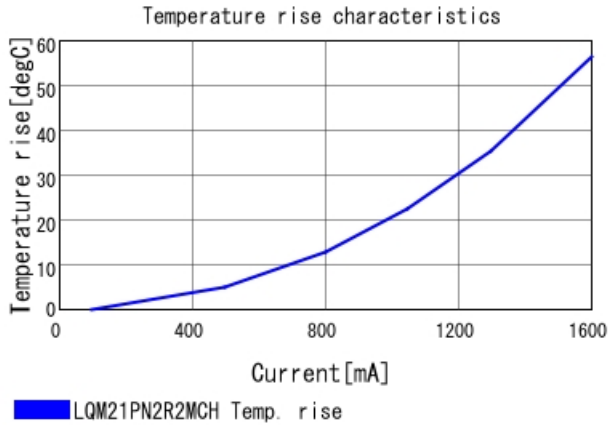


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