

LQM2HPNR56ME0#

“#” at the end indicates the package specification code.

Size Code 2520 (1008) in mm (in inch), 0.8mm max. Thickness



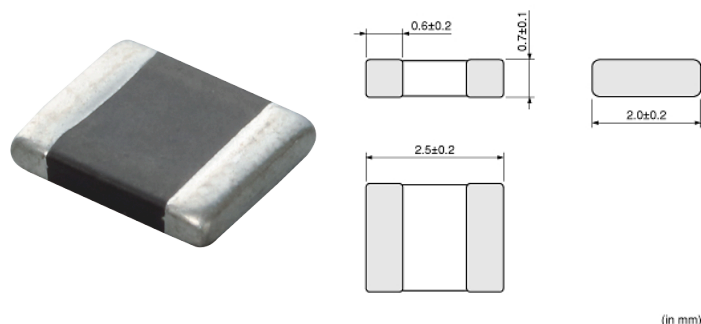
< List of part numbers with package codes >

LQM2HPNR56ME0B LQM2HPNR56ME0L

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	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.
Recommended Applications	Consumer equipment

Appearance & Shape



References

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

Mass (typ.)	
1 piece	0.016g

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.

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Specifications

L size	2.5±0.2mm
W size	2.0±0.2mm
T size	0.7±0.1mm
Size code inch (mm)	1008 (2520)
Inductance	0.56μH±20%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	1500mA
Max. of DC resistance	0.075Ω
DC resistance	0.06Ω±25%
Class of magnetic shield	Shielded (Ferrite Core)
Self resonance frequency (min.)	70MHz
Brand	Murata
Operating Temperature Range	-55°C to 125°C
Series	LQM2HPN_E0

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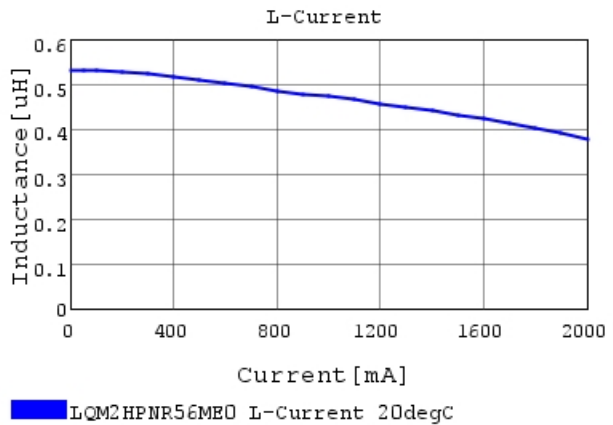
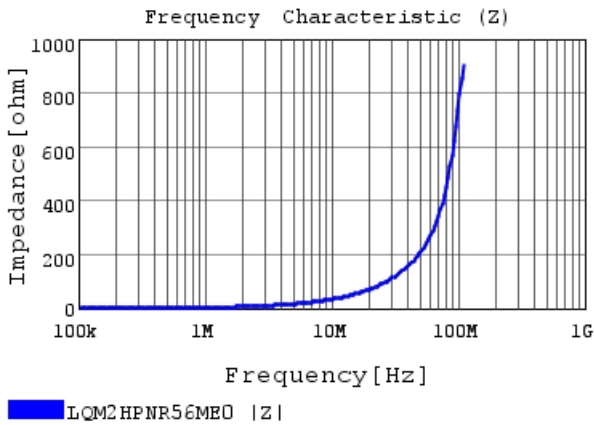
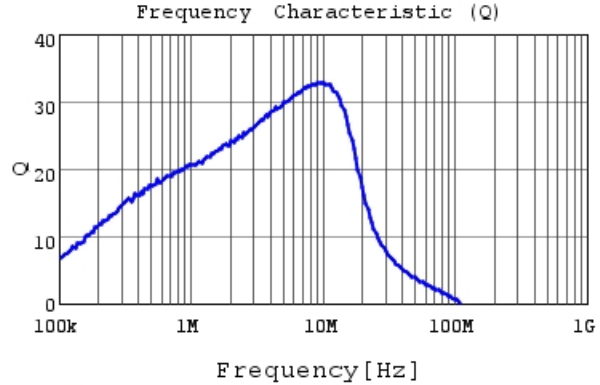
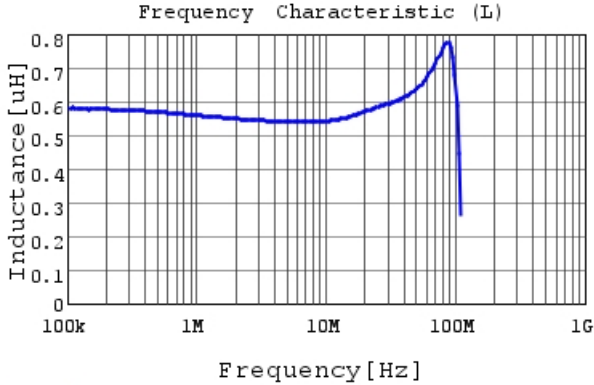
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Characteristic Data

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

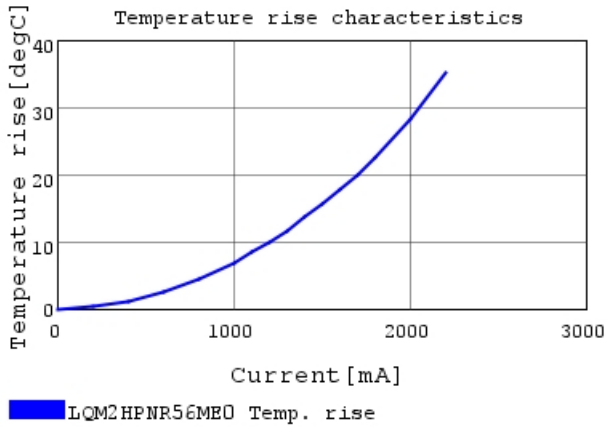


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