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 $\label{eq:please} Please \ \text{download the latest datasheet of LQM2HPNR56ME0\# from the official website of Murata}$ 

http://www.murata.com/en-us/products/productdetail?partno=LQM2HPNR56ME0%23

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

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

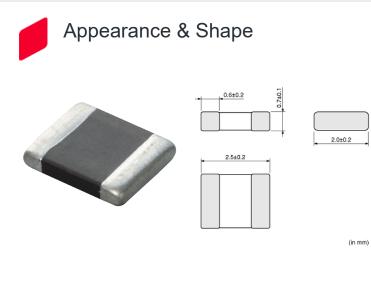


LQM2HPNR56ME0#

< List of part numbers with package codes > LQM2HPNR56ME0B LQM2HPNR56ME0L

# Applications

Unsuitable	Please be sure to read and comply with	
Applications	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	
Specific	Please refer to Our Website and	
Applications	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	Concurrence	
Applications	Consumer equipment	





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

Mass (typ.)		
1 piece	0.016g	

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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	2.5±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℃ to 125℃
Series	LQM2HPN_E0

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Product Search Data Sheet

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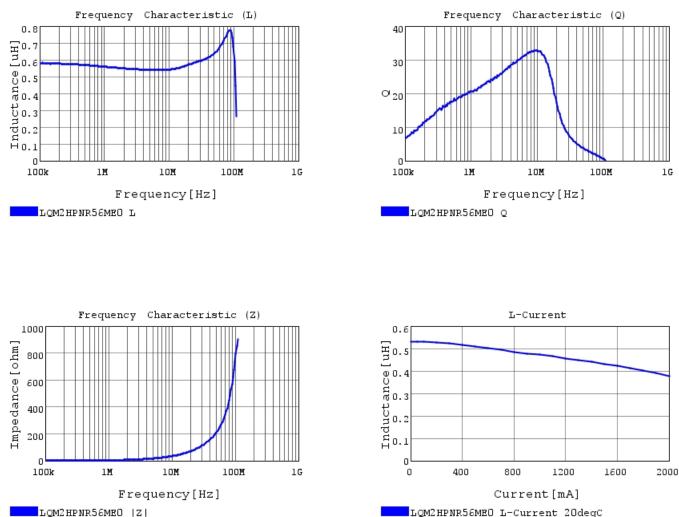
ww.murata.com/en-us/products/productdetail?partno=LQM2HPNR56ME0%23

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# **Characteristic Data**

LQM2HPNR56ME0#

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



LQM2HPNR56MEO L-Current 20degC

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Product Search Data Sheet



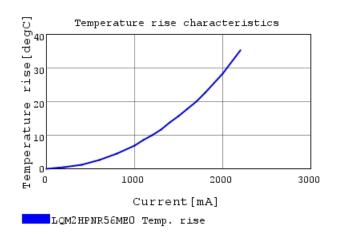
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# LQM2HPNR56ME0#

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