

Note: This datasheet may be out of date.

Please download the latest datasheet of LQM31PN3R3M00# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LQM31PN3R3M00%23

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

Size Code 3216 (1206) in mm (in inch), 0.95mm max. Thickness















< List of part numbers with package codes > LQM31PN3R3M00B LQM31PN3R3M00L

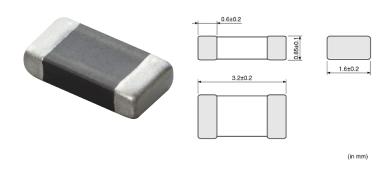


Applications

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	Consumer equipment	
Applications		



Appearance & Shape





References

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

Mass (typ.)	
1 piece	0.024g

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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	3.2±0.2mm
W size	1.6±0.2mm
T size	0.85±0.1mm
Size code inch (mm)	1206 (3216)
Inductance	3.3µH±20%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	800mA
Max. of DC resistance	0.3Ω
DC resistance	0.24Ω±25%
Class of magnetic shield	Shielded (Ferrite Core)
Self resonance frequency (min.)	30MHz
Brand	Murata
Operating Temperature Range	-55°C to 125°C
Series	LQM31PN_00

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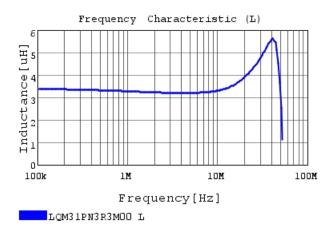
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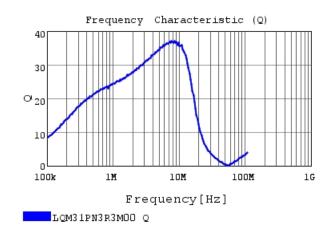
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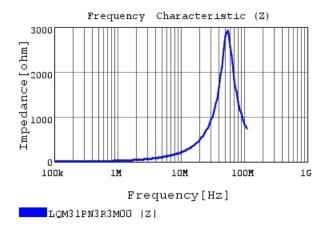


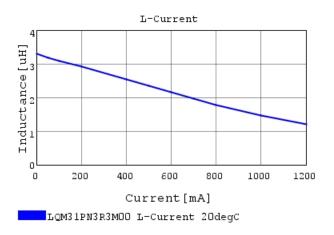
Characteristic Data

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









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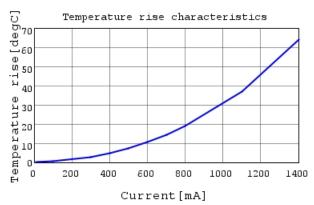


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LQM31PN3R3MOO Temp. rise

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