

Note: This datasheet may be out of date.

Please download the latest datasheet of LQM18PN3R3MFR# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LQM18PN3R3MFR%23

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

Low DC Resistance Type

















< List of part numbers with package codes > LQM18PN3R3MFRB LQM18PN3R3MFRL

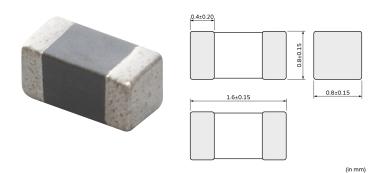


Applications

Unsuitable	Please be sure to read and comply with	
Applications	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	Consumer equipment	
Applications		



Appearance & Shape





References

Packaging	Specifications	Standard Packing
		Quantity
В	Bulk(Bag)	1000
L	180Embossed Tape	4000

Mass (typ.)	
1 piece	0.005g

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Specifications

L size	1.6±0.15mm
W size	0.8±0.15mm
T size	0.8±0.15mm
Size code inch (mm)	0603 (1608)
Inductance	3.3µH±20%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	700mA
Max. of DC resistance	0.438Ω
DC resistance	0.35Ω±25%
Class of magnetic shield	Shielded (Ferrite Core)
Self resonance frequency (min.)	60MHz
Brand	Murata
Operating Temperature Range	-40°C to 85°C
Series	LQM18PN_FR

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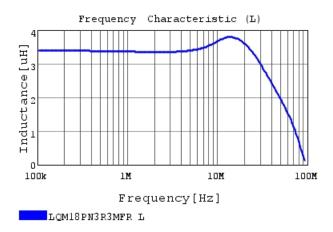
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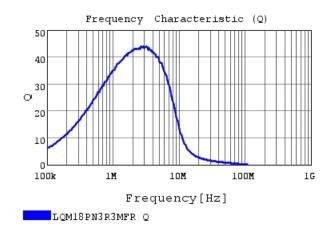
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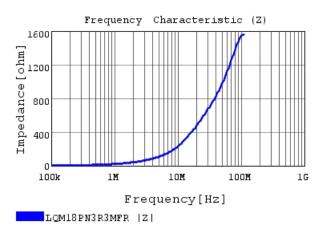


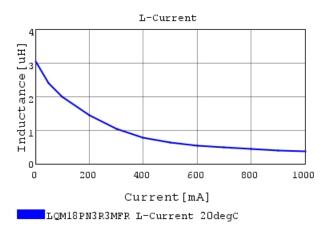
Characteristic Data

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









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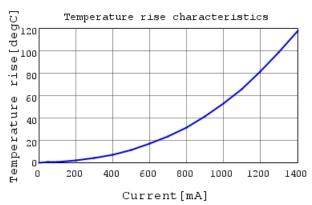


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LQM18PN3R3MFR Temp. rise

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