

LQM18PN2R2NC0#

Note: This datasheet may be out of date.

Please download the latest datasheet of LQM18PN2R2NC0# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LQM18PN2R2NC0%23

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

Size Code 1608 (0603) in mm (in inch), 0.55mm max. Thickness















< List of part numbers with package codes > LQM18PN2R2NC0B LQM18PN2R2NC0L

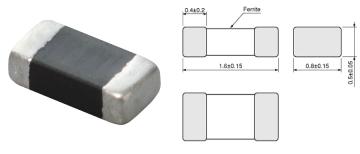


Applications

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	Canaumar aguinment	
Applications	Consumer equipment	



Appearance & Shape



(in mm)



References

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

Mass (typ.)		
1 piece	0.003g	

1 of 4

Attentior

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.





LQM18PN2R2NC0#

Note: This datasheet may be out of date.

Please download the latest datasheet of LQM18PN2R2NC0# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LQM18PN2R2NC0%23

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



Specifications

L size	1.6±0.15mm
W size	0.8±0.15mm
T size	0.5±0.05mm
Size code inch (mm)	0603 (1608)
Inductance	2.2µH±30%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	700mA
Max. of DC resistance	0.3Ω
DC resistance	0.24Ω±25%
Class of magnetic shield	Shielded (Ferrite Core)
Self resonance frequency (min.)	50MHz
Brand	Murata
Operating Temperature Range	-55°C to 125°C
Series	LQM18PN_C0

2 of 4

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.



Please download the latest datasheet of LQM18PN2R2NC0# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LQM18PN2R2NC0%23

Note: This datasheet may be out of date.

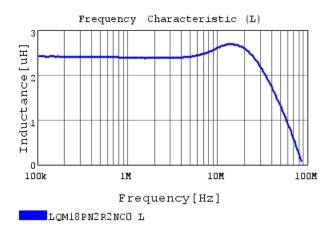
"#"at the end indicates the package specification code.

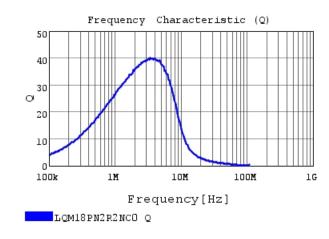


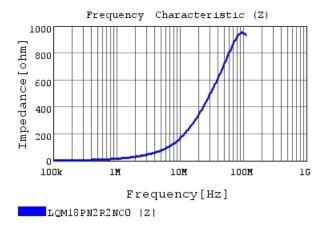
Characteristic Data

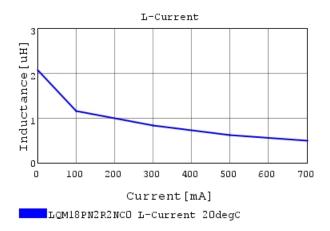
LQM18PN2R2NC0#

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









3 of 4

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.





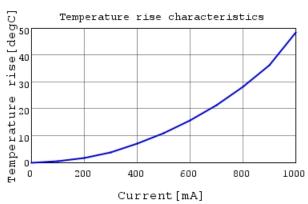
LQM18PN2R2NC0#

Note: This datasheet may be out of date.

Please download the latest datasheet of LQM18PN2R2NC0# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LQM18PN2R2NC0%23

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



LQM18PN2R2NCO Temp. rise

4 of 4

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.

