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Product Search Data Sheet

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Please download the latest datasheet of LQM18PN1R0MFR# from the official website of Murata
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LQM18PN1R0MFR#

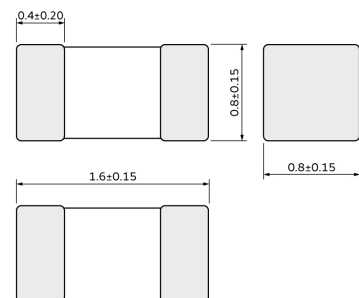"#"at the end indicates the package specification code.

Low DC Resistance Type

| In Production | RoHS | REACH | 85°C max. | Multi-layer | Low Rdc | Reflow OK | Flow OK |

< List of part numbers with package codes >

LQM18PN1R0MFRB   LQM18PN1R0MFRL

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

0.4±0.20
0.8±0.15
0.8±0.15
1.6±0.15

(in mm)

References

Packaging	Specifications	Standard Packing Quantity
B	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	1µH±20%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	950mA
Max. of DC resistance	0.25Ω
DC resistance	0.20Ω±25%
Class of magnetic shield	Shielded (Ferrite Core)
Self resonance frequency (min.)	100MHz
Brand	Murata
Operating Temperature Range	-40℃ to 85℃
Series	LQM18PN_FR

Attention

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2.This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.
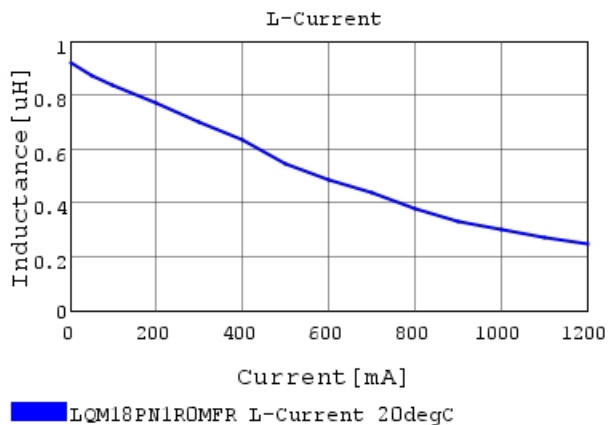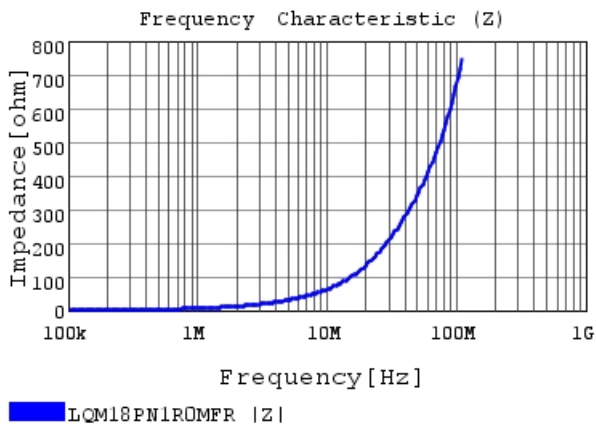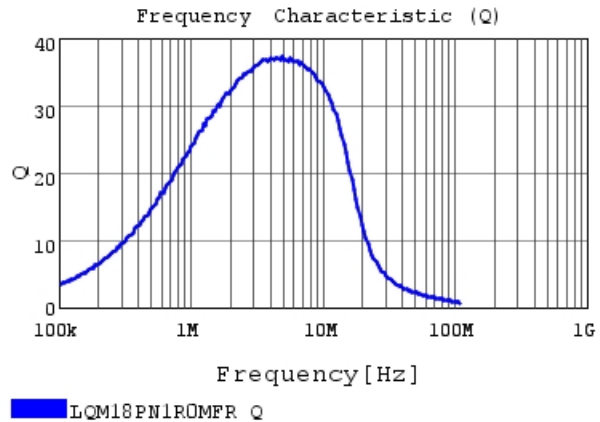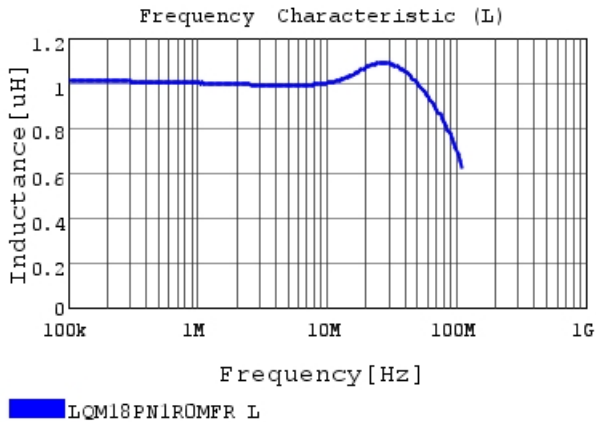
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Last updated05/21/2024

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Characteristic Data

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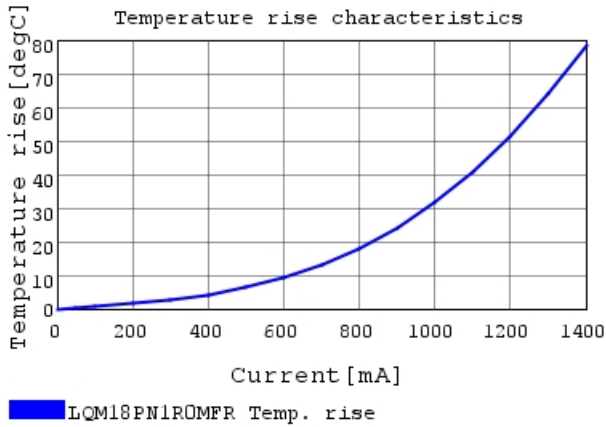

Frequency Characteristic (L)
LQM18PN1R0MFR L

Frequency Characteristic (Q)
LQM18PN1R0MFR Q

Frequency Characteristic (Z)
LQM18PN1R0MFR |Z|

L-Current
LQM18PN1R0MFR L-Current 20degC

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Temperature rise characteristics

LQM18PN1R0MFR Temp. rise

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