

LQM18PN2R2MFR#

“#” 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

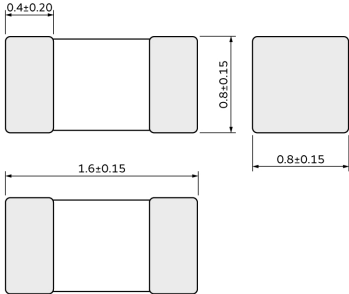
Flow OK

< List of part numbers with package codes >
LQM18PN2R2MFRB LQM18PN2R2MFRL

Applications

| | |
|--------------------------|--|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use." |
| Specific Applications | <p>Consumer equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment</p> <p>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.</p> |
| Recommended Applications | Consumer equipment |

Appearance & Shape



(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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 2.This datasheet has only typical specifications because there is no space for detailed specifications.
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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 | 2.2μH±20% |
| Inductance Test Frequency | 1MHz |
| Rated current (Itemp) (Based on Temperature rise) | 750mA |
| Max. of DC resistance | 0.375Ω |
| DC resistance | 0.30Ω±25% |
| Class of magnetic shield | Shielded (Ferrite Core) |
| Self resonance frequency (min.) | 70MHz |
| Brand | Murata |
| Operating Temperature Range | -40°C to 85°C |
| Series | LQM18PN_FR |

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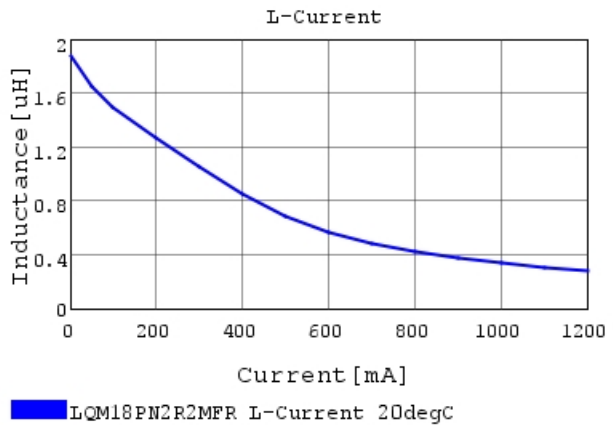
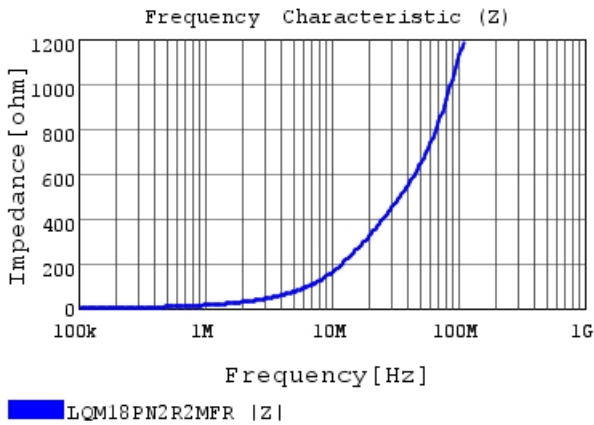
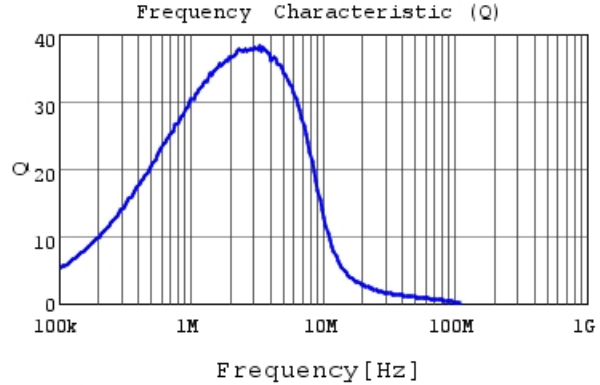
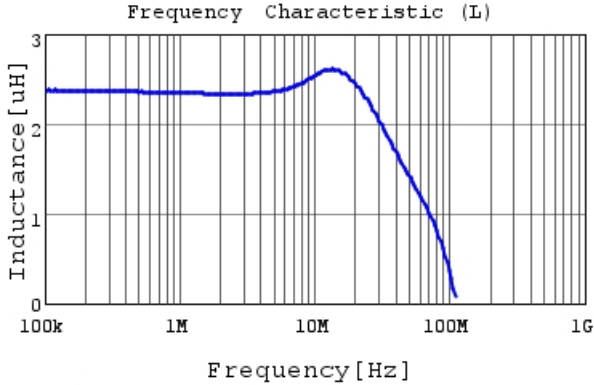
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Characteristic Data

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

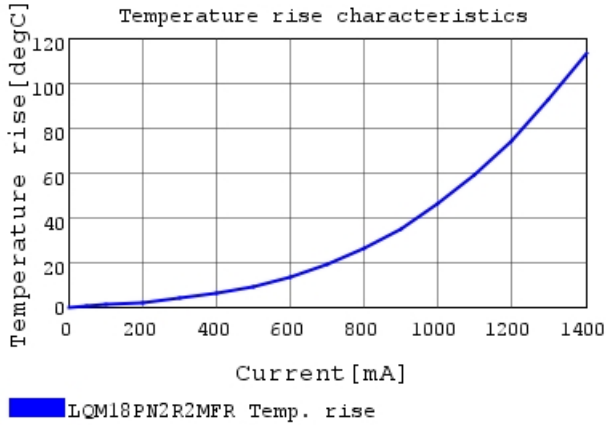


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