

LQM2MPN1R0MEH#

“#” indicates a package specification code.

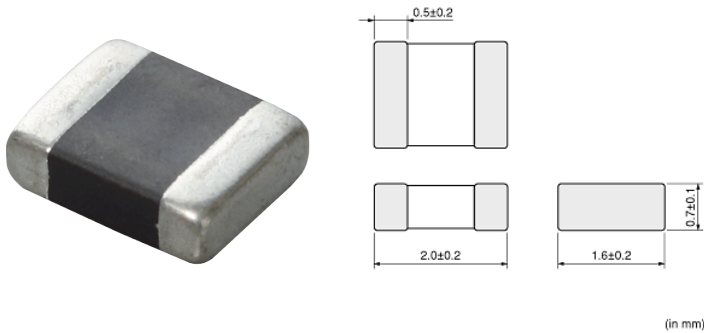
This component has greater current saturation characteristic than existing LQM2MP series and height is 0.8mm max.



< List of part numbers with package codes >

LQM2MPN1R0MEHB LQM2MPN1R0MEHL

Appearance & Shape



References

| Packaging | Specifications | Standard Packing Quantity |
|-----------|------------------|---------------------------|
| B | Bulk(Bag) | 1000 |
| L | 180Embossed Tape | 3000 |

| Mass (typ.) | |
|-------------|-------|
| 1 piece | 0.01g |

Notices

When rated current is applied to the products, inductance will be within $\pm 30\%$ of initial inductance value range. When rated current is applied to the products, the temperature rise caused by self-generated heat shall be limited to 40°C max. Keep the temperature (ambient temperature plus self-generation of heat) under 125°C.

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Specifications

| | |
|---|------------------------|
| L size | 2.0±0.2mm |
| W size | 1.6±0.2mm |
| T size | 0.7±0.1mm |
| Size code inch (mm) | 0806 (2016) |
| Inductance | 1μH±20% |
| Inductance Test Frequency | 1MHz |
| Rated current (Isat) (Based on Inductance change) | 1.8A(Max) / 2.0A(Typ.) |
| Rated current (Itemp) (Based on Temperature rise) | 1.5A(Max) / 2.0A(Typ.) |
| Max. of DC resistance | 0.125Ω |
| Class of magnetic shield | Ferrite Core |
| Self resonance frequency (min.) | 50MHz |
| Brand | Murata |
| DC Resistance Intermediate Values | 0.1Ω(typ.) |
| Operating Temperature Range | -40°C to 85°C |
| Series | LQM2MPN_EH |

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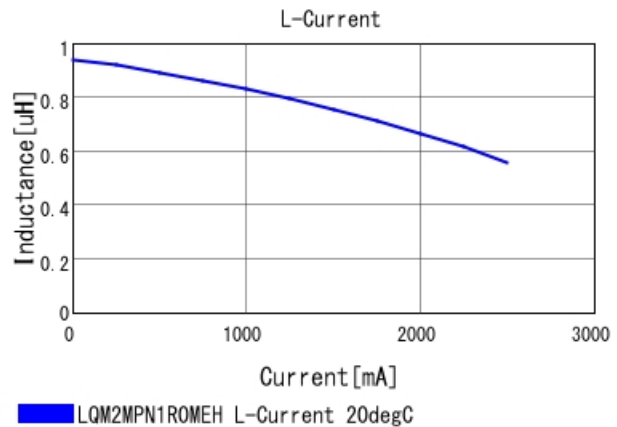
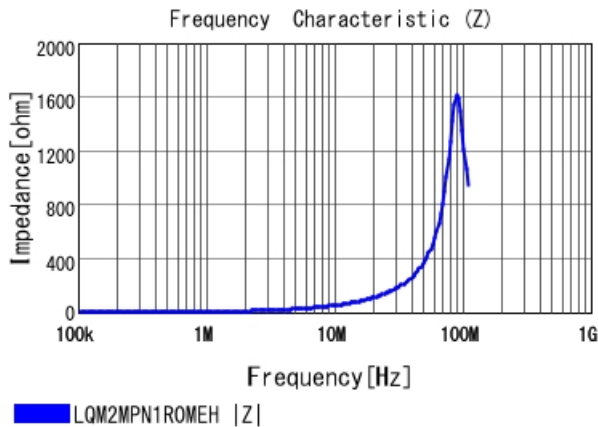
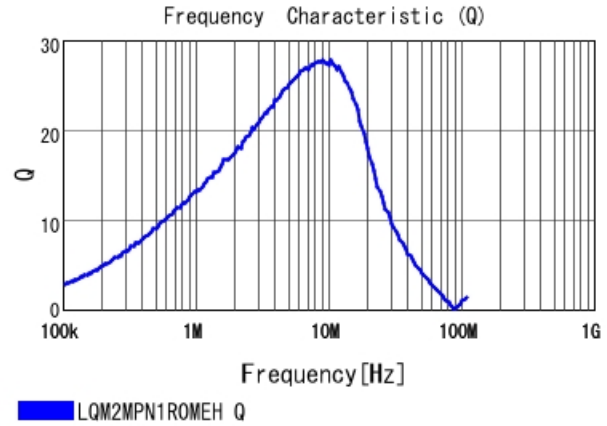
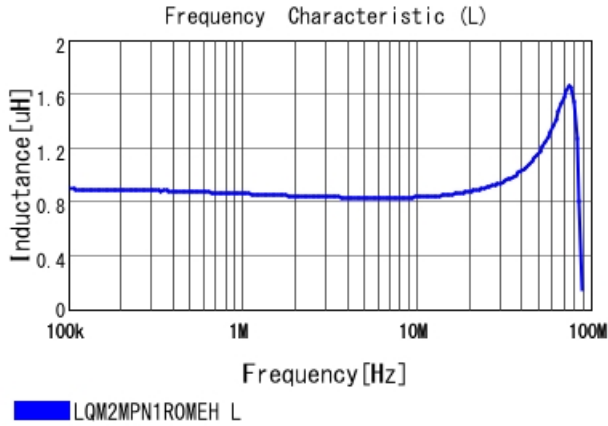
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Characteristic Data

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

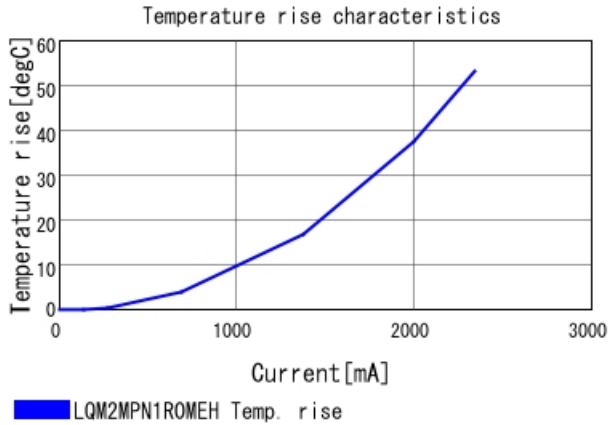


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