

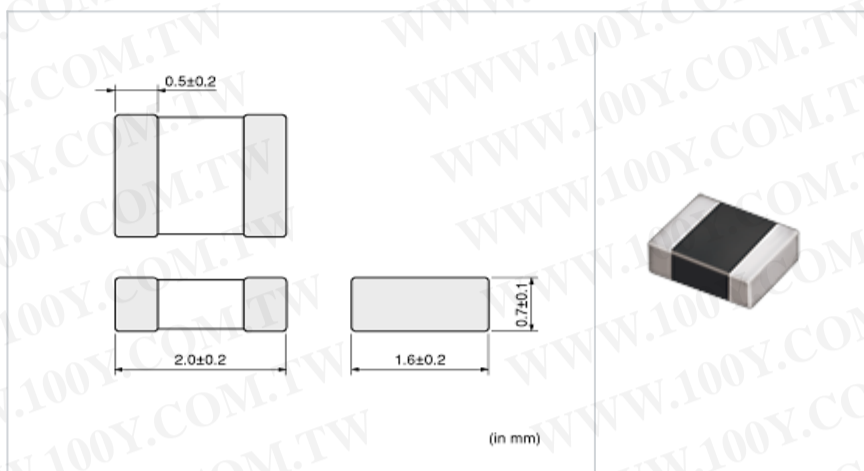
LQM2MPNR24MEH#

"#" indicates a package specification code.

New
Available
General
85°C
Multi-layer
Bias
Reflow OK
RoHS

< List of part numbers with package codes >
 LQM2MPNR24MEHL , LQM2MPNR24MEHB

Shape



L size	2.0 ± 0.2mm
W size	1.6 ± 0.2mm
T size	0.7 ± 0.1mm
Size code in inch (mm)	0806 (2016)

Notes

When applied Rated current to the Products, Inductance will be within ± 30% of initial inductance value range.
 When applied Rated current to the Products, 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.

References

Packaging code	Specifications	Minimum quantity
L	180mm Embossed taping	3000
B	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.010g

Specifications

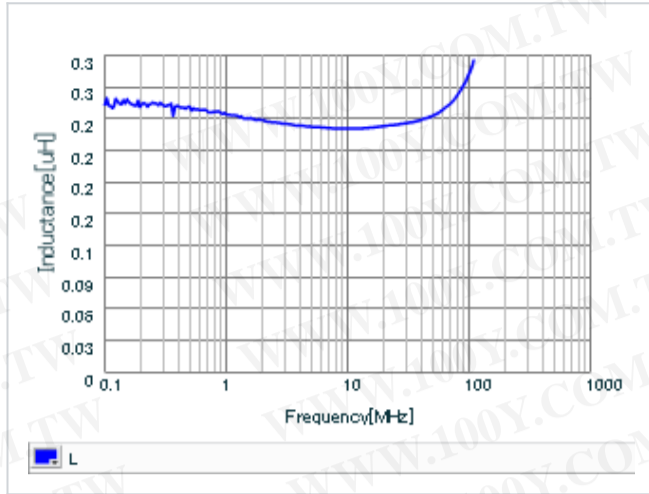
Inductance	0.24µH ± 20%
Inductance test frequency	1MHz
Rated current (I _{sat}) (Based on Inductance change)	4.1A(Max) / 4.5A(Typ.)
Rated current (I _{temp}) (Based on Temperature rise)	2.6A(Max) / 3.3A(Typ.)
Max. of DC resistance	44m
Avg. of DC resistance	35m (typ.)
Self resonance frequency (min.)	130MHz
Operating temperature range	-40 ~ 85
Class of magnetic shield	Magnetic shield of ferrite

Attention

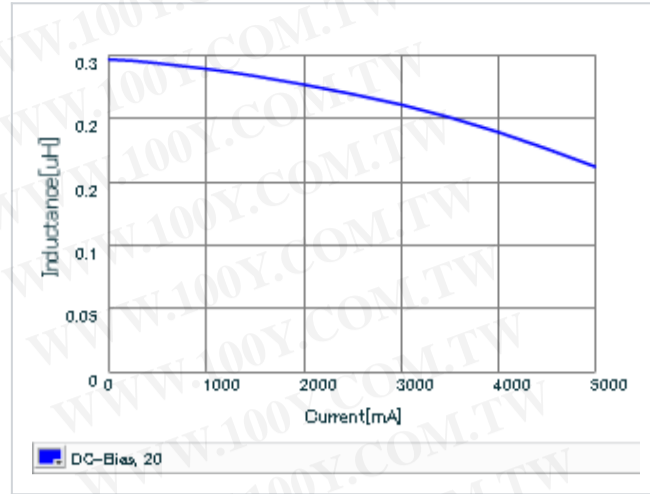
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

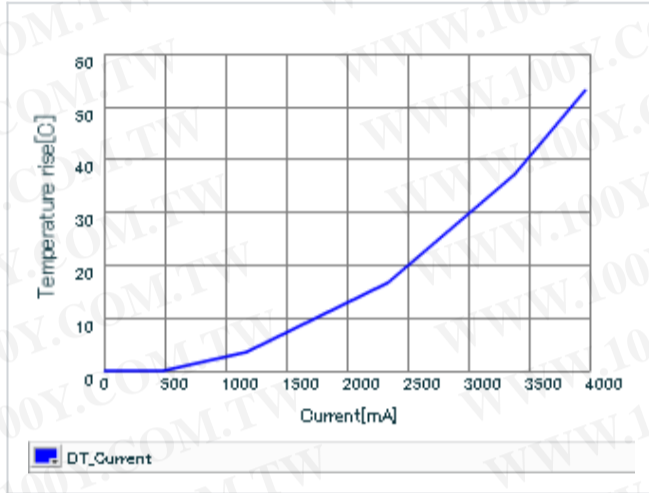
Inductance-Frequency characteristics (Typ.)



Inductance-Current characteristics (Typ.)



Temperature rise characteristics (Typ.)



勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

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