

LQM21PN2R2MC0#

“#” indicates a package specification code.

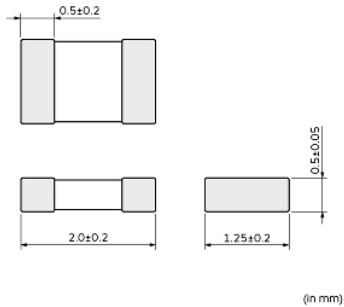
Size Code 2012 (0805) in mm (in inch), 0.55mm max. Thickness



< List of part numbers with package codes >

LQM21PN2R2MC0B LQM21PN2R2MC0D

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
D	180mm Paper Tape	4000

Mass (typ.)	
1 piece	0.007g

Notices

Please consider 'Notice (Rating).' When rated current is applied to the products, the temperature rise caused by self-generated heat shall be limited to 40°C max.

Attention

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Specifications

L size	2.0±0.2mm
W size	1.25±0.2mm
T size	0.5±0.05mm
Size code inch (mm)	0805 (2012)
Inductance	2.2μH±20%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	0.6A(Ambient temp.85°C)0. 45A(Ambient temp.125°C)
Max. of DC resistance	0.425Ω
Class of magnetic shield	Ferrite Core
Self resonance frequency (min.)	50MHz
DC Resistance Intermediate Values	0.34Ω±25%
Operating Temperature Range	-55°C to 125°C
Series	LQM21PN_C0

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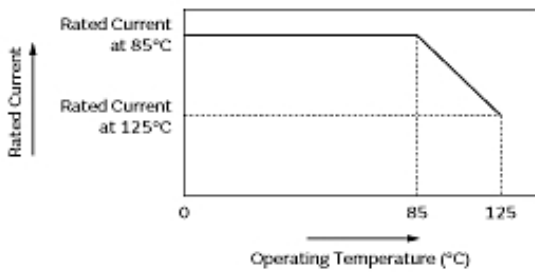


Notice For General

In operating temperatures exceeding +85°C, derating of current is necessary for this series.

Please apply the derating curve shown in the chart according to the operating temperature.

Derating of Rated Current



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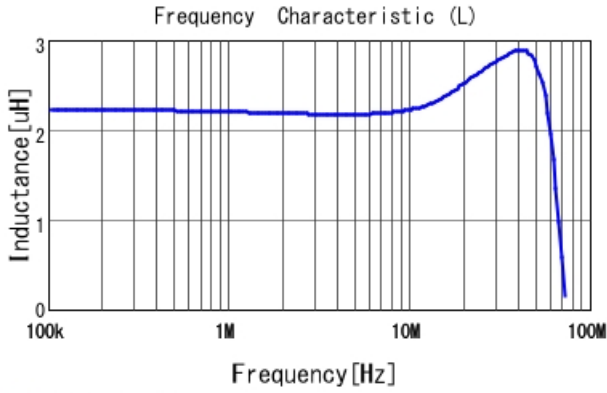
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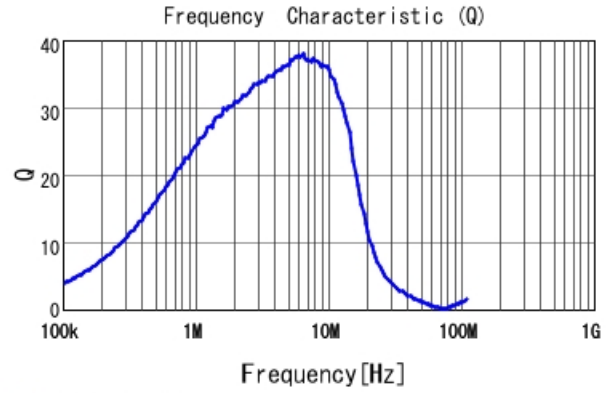


Characteristic Data

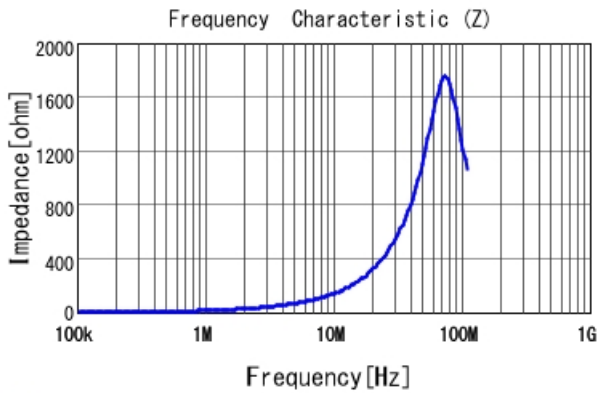
The charts below may show another part number which shares its characteristics.



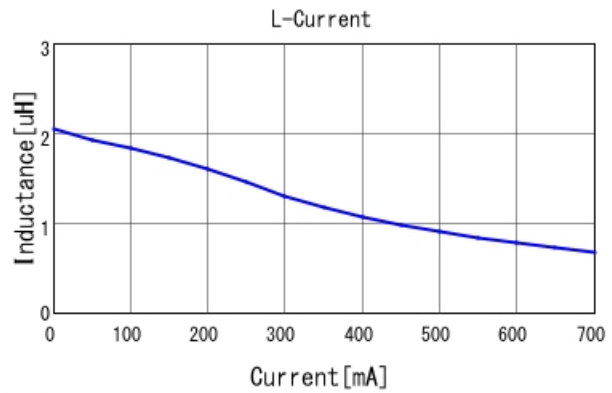
■ LQM21PN2R2MC0 L



■ LQM21PN2R2MC0 Q



■ LQM21PN2R2MC0 |Z|



■ LQM21PN2R2MC0 L-Current 20degC

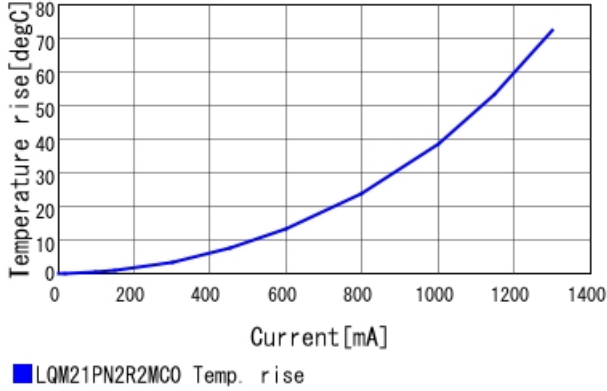
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Temperature rise characteristics



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