

# LQM21PN1R0NGR#

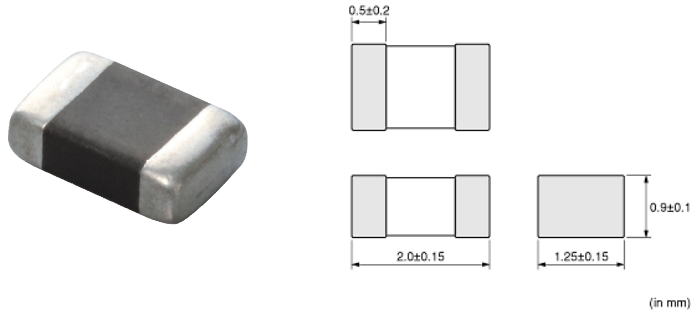
“#” indicates a package specification code.

## Low DC Resistance Type



< List of part numbers with package codes >  
LQM21PN1R0NGRB LQM21PN1R0NGRD

## Appearance & Shape



## References

Packaging	Specifications	Minimum Order Quantity
B	Bulk(Bag)	1000
D	180mm Paper Tape	4000

Mass (typ.)	
1 piece	0.012g

## 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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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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## Specifications

L size	2.0±0.15mm
W size	1.25±0.15mm
T size	0.9±0.1mm
Size code inch (mm)	0805 (2012)
Inductance	1μH±30%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	1.3A(Ambient temp.85°C)0.95A(Ambient temp.125°C)
Max. of DC resistance	0.0825Ω
Class of magnetic shield	Ferrite Core
Self resonance frequency (min.)	50MHz
DC Resistance Intermediate Values	0.066Ω±25%
Operating Temperature Range	-55°C to 125°C
Series	LQM21PN_GR

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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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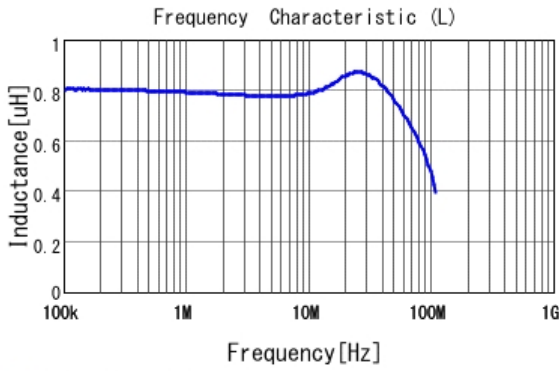
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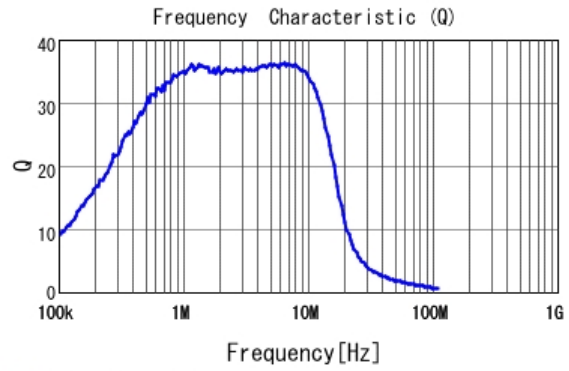
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## Characteristic Data

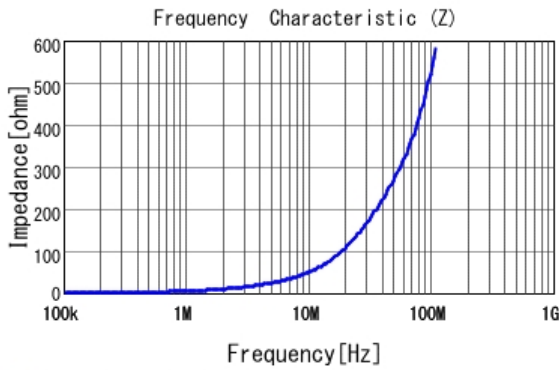
The charts below may show another part number which shares its characteristics.



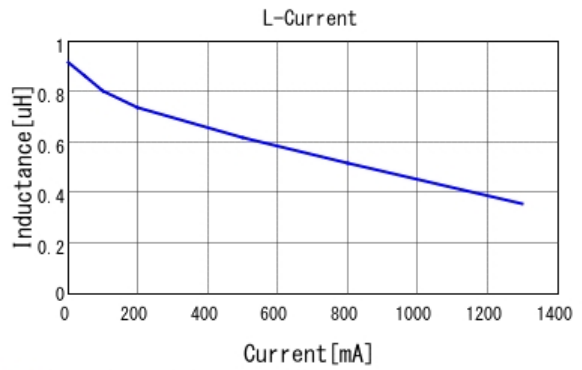
■ LQM21PN1R0NGR L



■ LQM21PN1R0NGR Q



■ LQM21PN1R0NGR |Z|



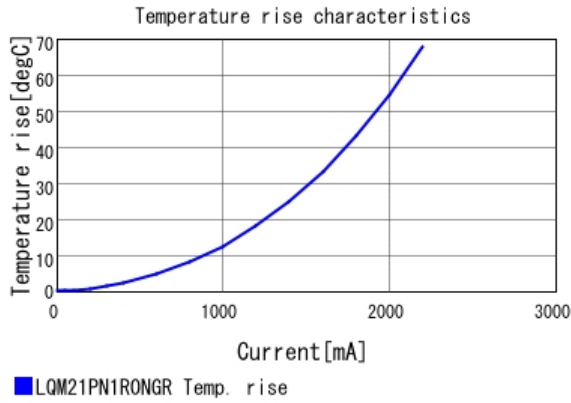
■ LQM21PN1R0NGR L-Current 20degC

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