

# LQM21PNR47MC0#

“#” indicates a package specification code.

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

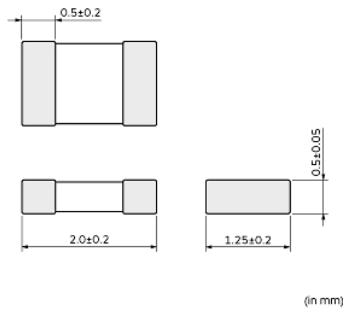


< List of part numbers with package codes >

LQM21PNR47MC0B

LQM21PNR47MC0D

## 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	0.47μH±20%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	1.1A(Ambient temp.85°C)0. 82A(Ambient temp.125°C)
Max. of DC resistance	0.15Ω
Class of magnetic shield	Ferrite Core
Self resonance frequency (min.)	100MHz
Brand	Murata
DC Resistance Intermediate Values	0.12Ω±25%
Operating Temperature Range	-55°C to 125°C
Series	LQM21PN_C0

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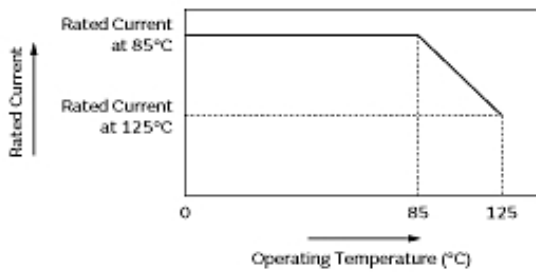


## Notice For General

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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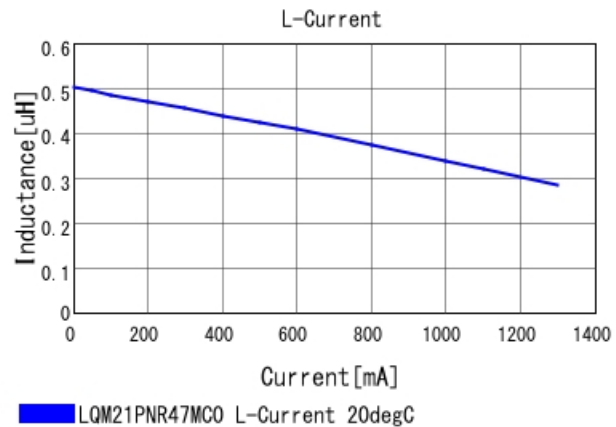
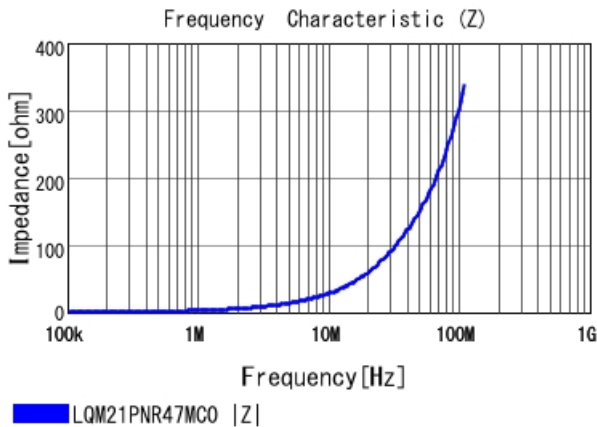
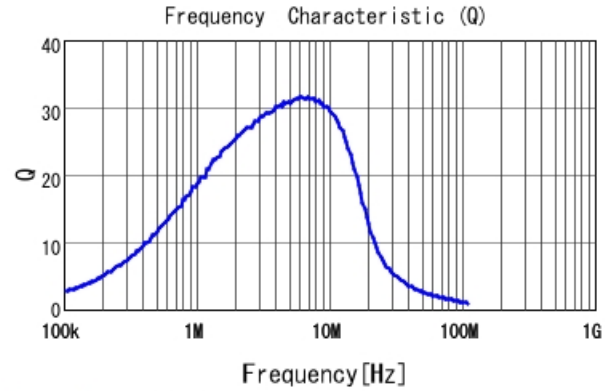
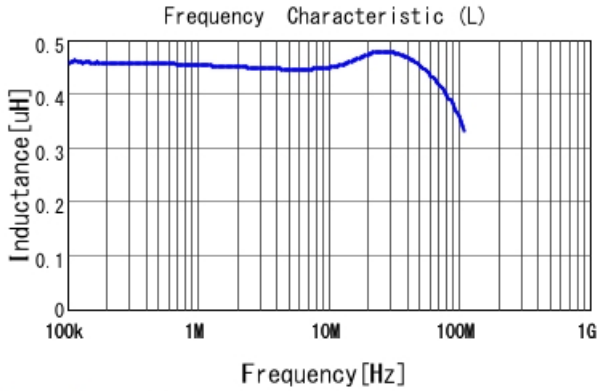
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## Characteristic Data

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



### Attention

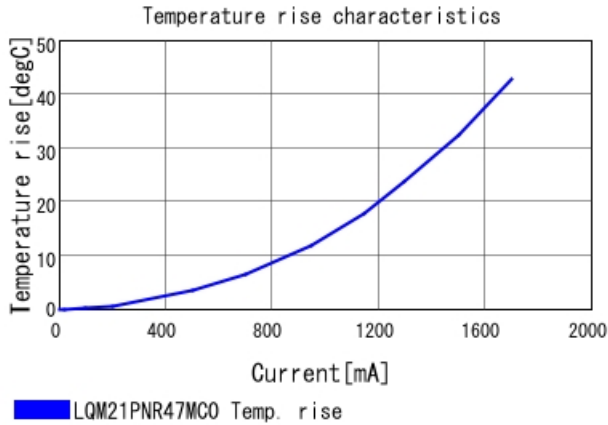
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