

# LQM2MPNR47NG0#

“ # ” indicates a package specification code.

Recommended

General

Multi-layer

Thickness  
1.0mm  
max.

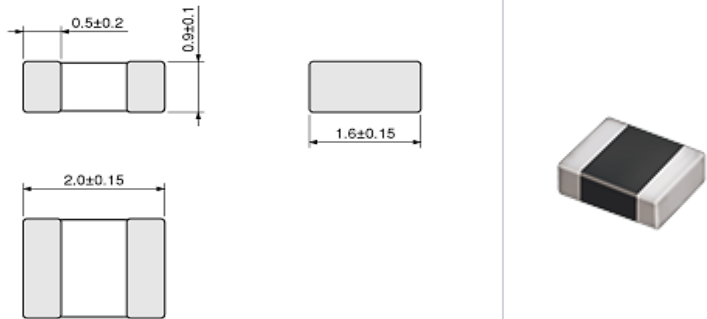
Reflow  
OK

Flow OK

RoHS

< List of part numbers with package codes >  
LQM2MPNR47NG0L , LQM2MPNR47NG0B

## Shape



(in mm)

L size	2.0 ± 0.15mm
W size	1.6 ± 0.15mm
T size	0.9 ± 0.1mm
Size code mm (inch)	2016 (0806)

## References

Packaging code	Specifications	Minimum quantity
L	Embossed tape ( 180mm)	3000
B	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.012g

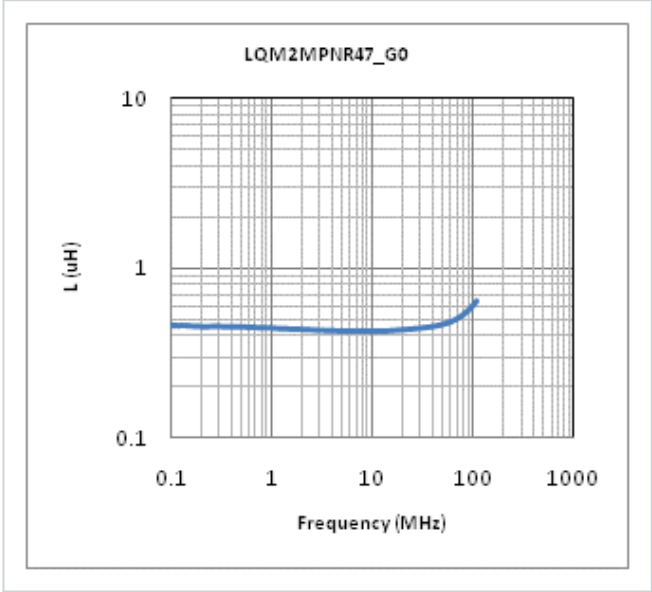
## Specifications

Inductance	0.47μH ± 30%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	1600mA
Max. of DC resistance	0.0750
Avg. of DC resistance	0.060 ± 25%
Self resonance frequency (min.)	100MHz
Operating temperature range	-55 ~ +125
Class of magnetic shield	Magnetic shield of ferrite

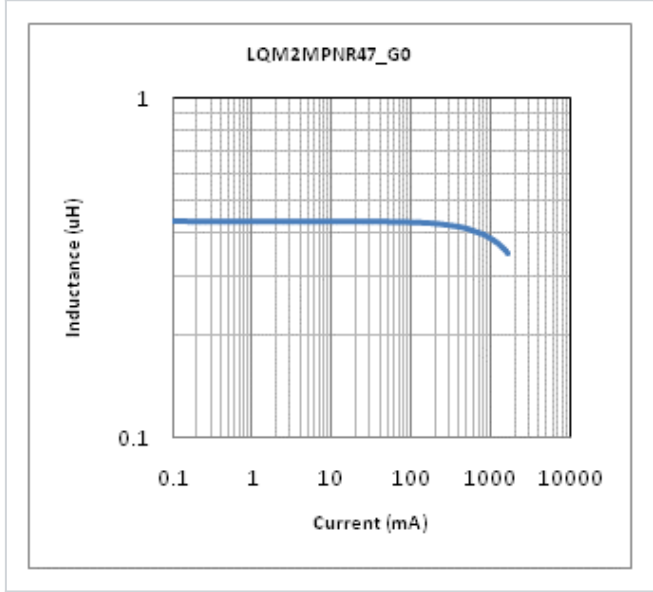
### ⚠ Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it ’ s specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 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.

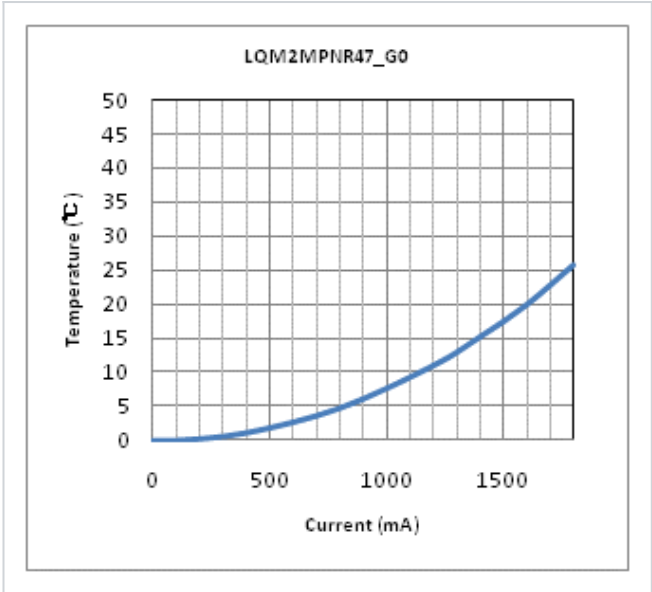
Inductance-Frequency characteristics (Typ.)



Inductance-Current characteristics (Typ.)



Temperature rise characteristics (Typ.)



This PDF data 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.