

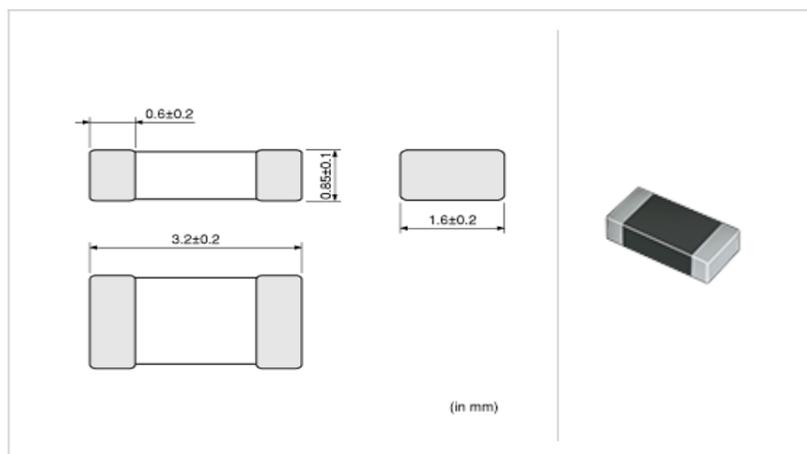
# LQM31PN2R2M00#

" # " indicates a package specification code.

Available **General** 125°C Multi-layer Thickness 0.95mm max. Reflow OK Flow OK RoHS

< List of part numbers with package codes >  
LQM31PN2R2M00L , LQM31PN2R2M00B

## Shape



L size	3.2 ± 0.2mm
W size	1.6 ± 0.2mm
T size	0.85 ± 0.1mm
Size code in inch (mm)	1206 (3216)

## Specifications

Inductance	2.2μH ± 20%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	900mA
Max. of DC resistance	0.238
Avg. of DC resistance	0.19 ± 25%
Self resonance frequency (min.)	40MHz
Operating temperature range	-55 ~ 125
Class of magnetic shield	Magnetic shield of ferrite

## References

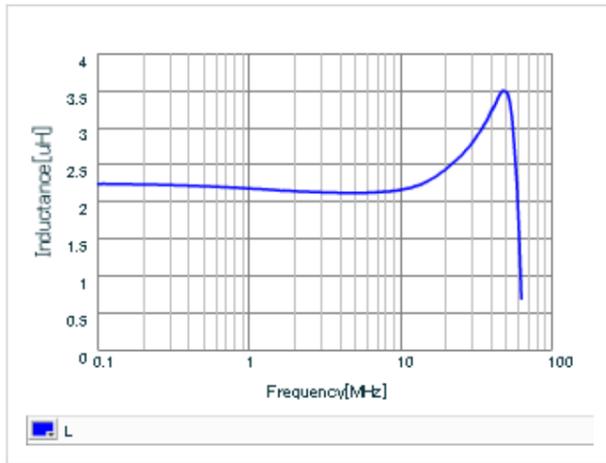
Packaging code	Specifications	Minimum quantity
L	180mm Embossed taping	3000
B	Packing in bulk	1000

Mass (Typ.)	
1 piece	0.024g

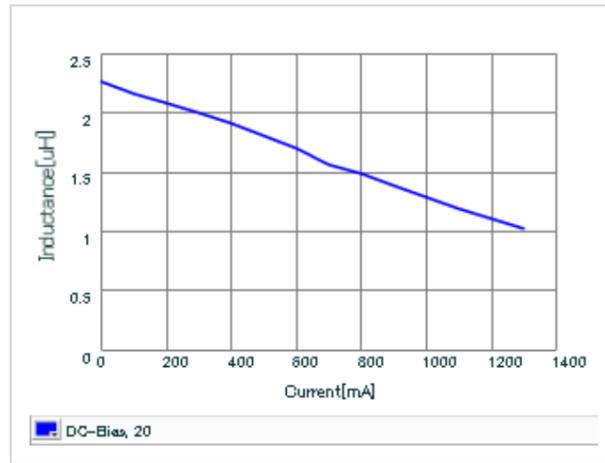
### ⚠ Attention

- 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.

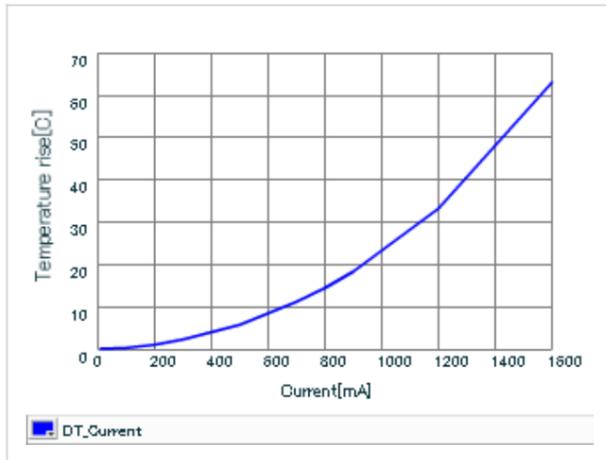
▪ Inductance-Frequency characteristics (Typ.)



▪ 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.