

LQM31PN4R7M00#

“#” indicates a package specification code.

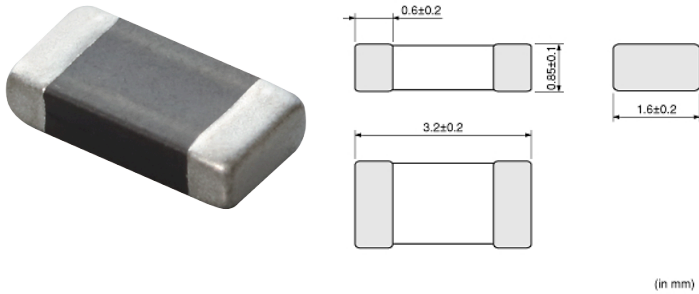
Size Code 3216 (1206) in mm (in inch), 0.95mm max. Thickness



< List of part numbers with package codes >

LQM31PN4R7M00B LQM31PN4R7M00L

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
L	180Embossed Tape	3000

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.
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Specifications

L size	3.2±0.2mm
W size	1.6±0.2mm
T size	0.85±0.1mm
Size code inch (mm)	1206 (3216)
Inductance	4.7μH±20%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	700mA
Max. of DC resistance	0.375Ω
Class of magnetic shield	Ferrite Core
Self resonance frequency (min.)	25MHz
Brand	Murata
DC Resistance Intermediate Values	0.30Ω±25%
Operating Temperature Range	-55°C to 125°C
Series	LQM31PN_00

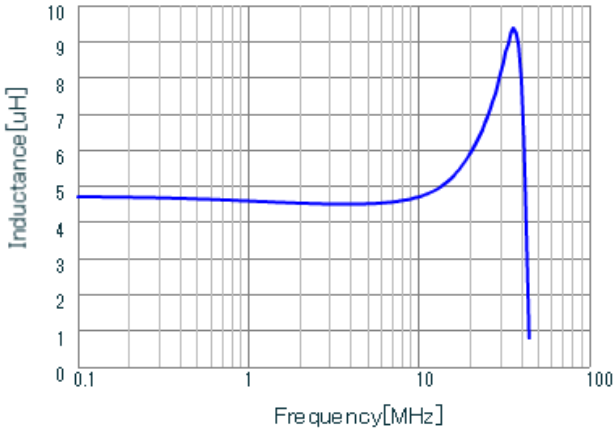
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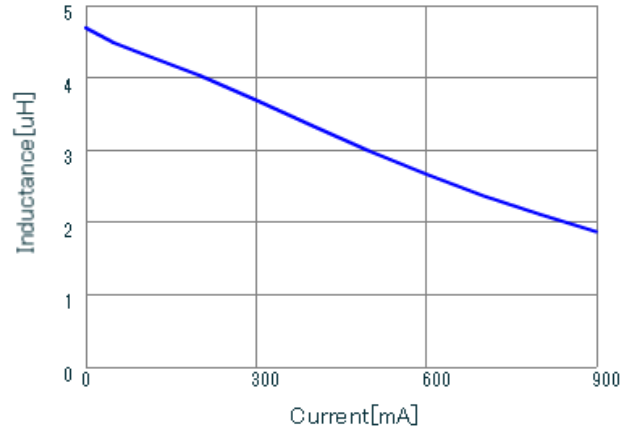
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Characteristic Data

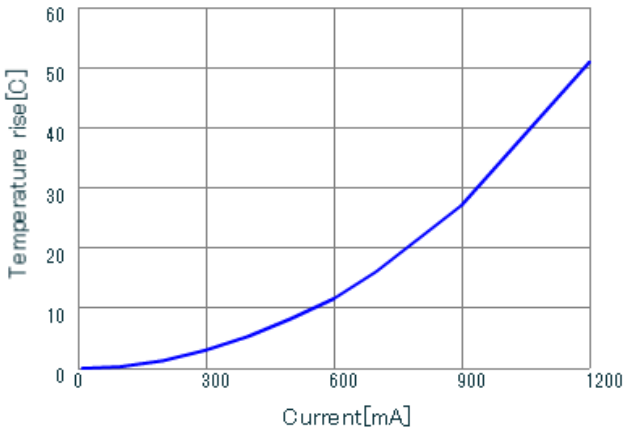


LQM31PN4R7M00 L



LQM31PN4R7M00 DC-Bias, 20

Inductance - Frequency Characteristics



LQM31PN4R7M00 DT_Current

Impedance - Current Characteristics

Temperature Increase Characteristic

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