

LQM31PNR47MC0#

“#” indicates a package specification code.

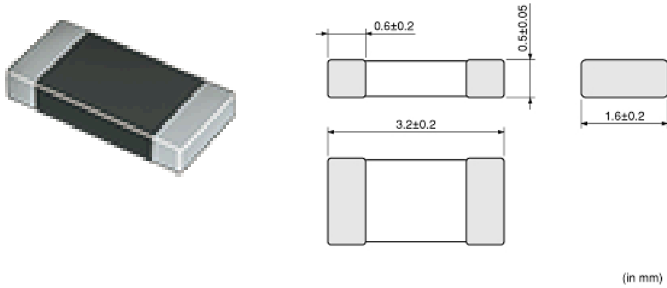
Size Code 3216 (1206) in mm (in inch), 0.55mm max. Thickness



< List of part numbers with package codes >

LQM31PNR47MC0B LQM31PNR47MC0L

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
L	180Embossed Tape	4000

Mass (typ.)	
1 piece	0.021g

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.

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Specifications

L size	3.2±0.2mm
W size	1.6±0.2mm
T size	0.5±0.05mm
Size code inch (mm)	1206 (3216)
Inductance	0.47μH±20%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	1300mA
Max. of DC resistance	0.107Ω
Class of magnetic shield	Ferrite Core
Self resonance frequency (min.)	90MHz
DC Resistance Intermediate Values	0.085Ω±25%
Operating Temperature Range	-55°C to 125°C
Series	LQM31PN_C0

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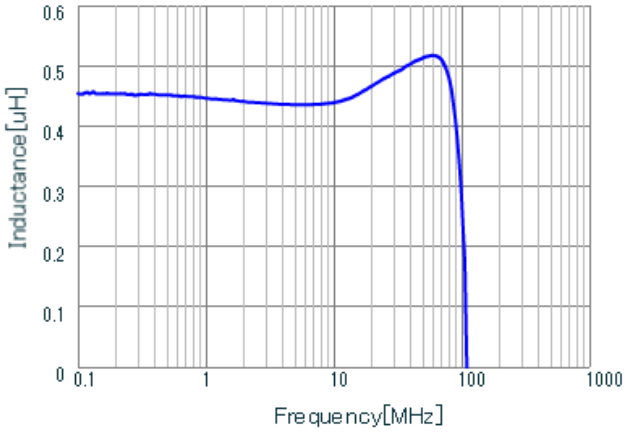
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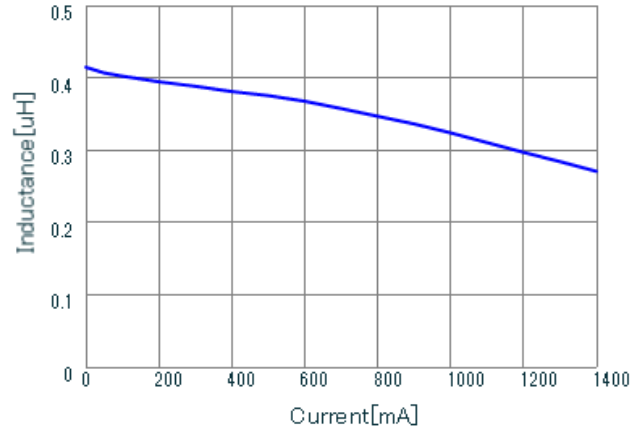
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Characteristic Data

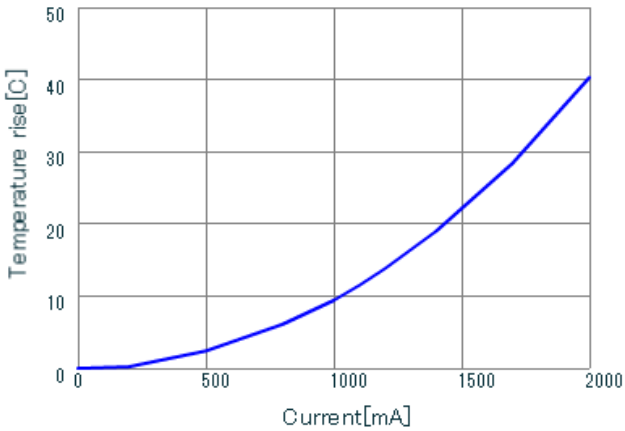


LQM31PNR47MC0 L



LQM31PNR47MC0 DC-Bias, 20

Inductance - Frequency Characteristics



LQM31PNR47MC0 DT_Current

Impedance - Current Characteristics

Temperature Increase Characteristic

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