

LQP03PN2N7C02#

“#” indicates a package specification code.

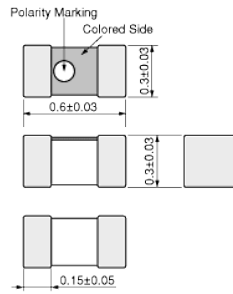
Size Code 0201 (0603) in inch (in mm), Large Current



< List of part numbers with package codes >

LQP03PN2N7C02D LQP03PN2N7C02B LQP03PN2N7C02J

Appearance & Shape



(in mm)

References

Packaging	Specifications	Minimum Order Quantity
D	180mm Paper Tape	15000
B	Bulk(Bag)	500
J	330mm Paper Tape	50000

Mass (typ.)	
1 piece	0.2mg

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.

LQP03PN2N7C02#

“#” indicates a package specification code.

Specifications

L size	0.6±0.03mm
W size	0.3±0.03mm
T size	0.3±0.03mm
Size code inch (mm)	0201 (0603)
Inductance	2.7nH±0.2nH
Inductance Test Frequency	500MHz
Rated current (Itemp) (Based on Temperature rise)	1300mA(Ambient temp.85°C)900mA(Ambient temp.125°C)
Max. of DC resistance	0.065Ω
Q(min.)	10
Q Test Frequency	500MHz
Self resonance frequency (min.)	6600MHz
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Series	LQP03PN_02

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.

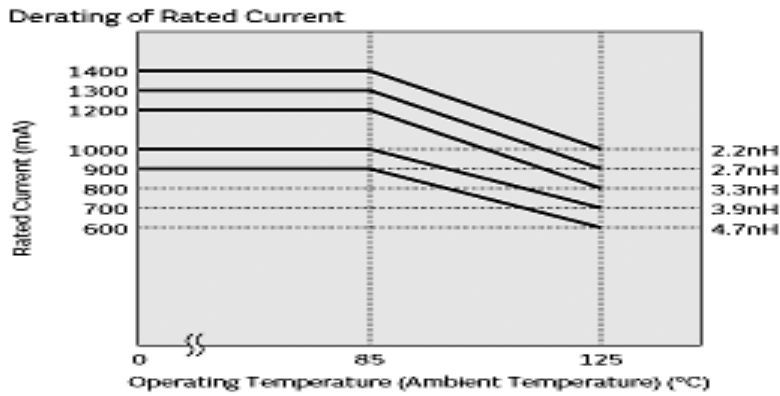
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

LQP03PN2N7C02#

“#” indicates a package specification code.

Notice For General

In operating temperatures exceeding +85°C, derating of current is necessary for the LQP03PN_02 series. Please apply the derating curve shown in the chart according to the operating temperature.



Attention

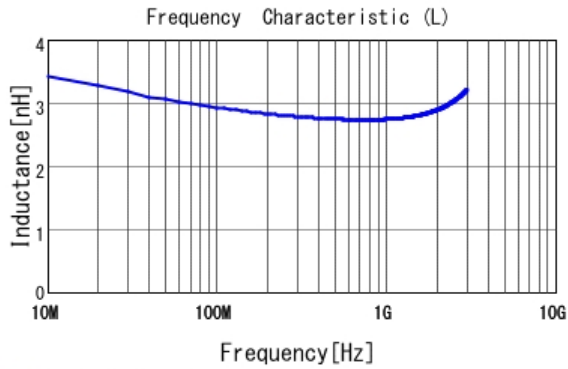
- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
 - 2.This datasheet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

LQP03PN2N7C02#

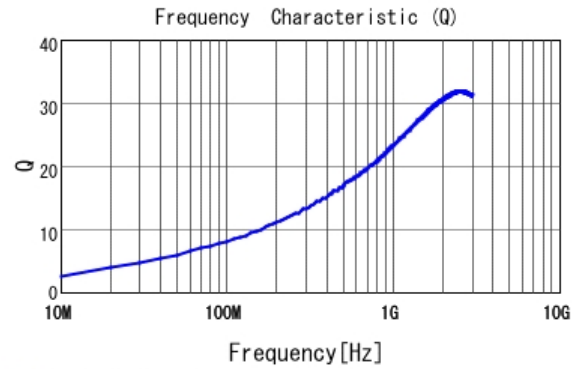
“#” indicates a package specification code.

Characteristic Data

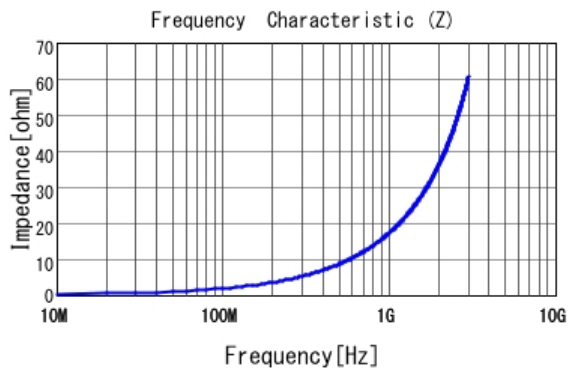
The charts below may show another part number which shares its characteristics.



■ LQP03PN2N7C02 L



■ LQP03PN2N7C02 Q



■ LQP03PN2N7C02 |Z|

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.