

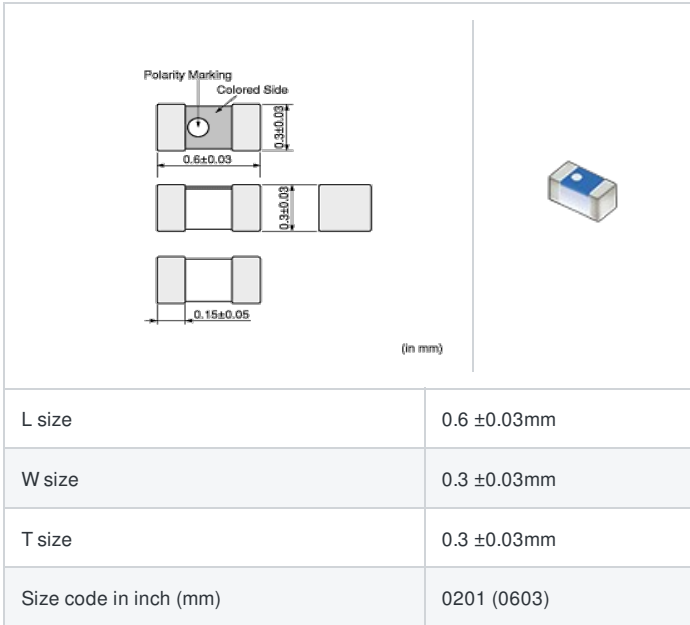
# LQP03PN3N3C02#

# indicates a package specification code.



< List of part numbers with package codes >  
 LQP03PN3N3C02D , LQP03PN3N3C02J , LQP03PN3N3C02B

## Shape



## Notes

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.  
 Please consider "Notice (Rating)."

## References

Packaging code	Specifications	Minimum quantity
D	φ 180mm Paper taping	15000
J	φ 330mm Paper taping	50000
B	Packing in bulk	500

Mass (Typ.)	
1 piece	0.0002g

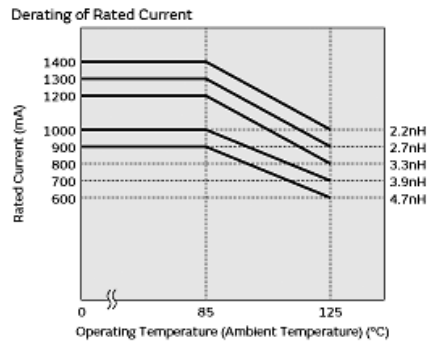
## Specifications

Inductance	3.3nH ±0.2nH
Inductance test frequency	500MHz
Rated current (Itemp) (Based on Temperature rise)	1200mA(Ambient temp.85°C) 800mA(Ambient temp.125°C)
Max. of DC resistance	0.080Ω
Q (min.)	10
Q test frequency	500MHz
Self resonance frequency (min.)	5500MHz
Operating temperature range (Self-temperature rise is not included)	-55~125°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.

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.

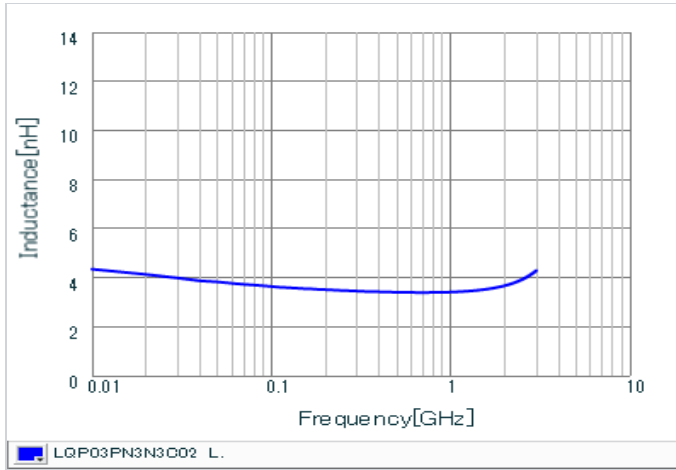


 **Attention**

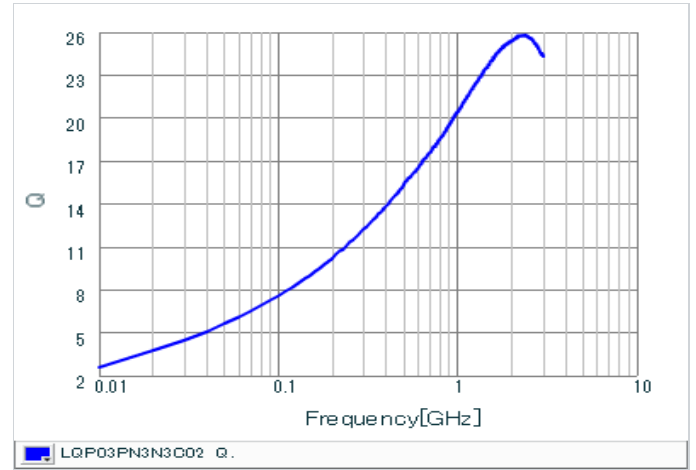
- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
  - 2.This datasheet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

**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

▪ Inductance-Frequency characteristics (Typ.)



▪ Q-Frequency characteristics (Typ.)



**⚠ 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.