# LQP03PN2N2C02# "#" indicates a package specification code.







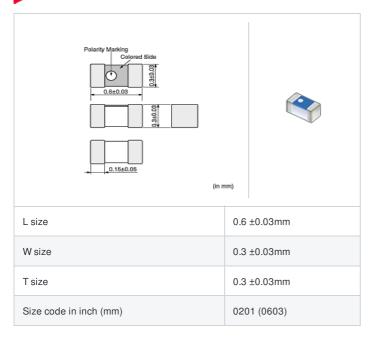






< List of part numbers with package codes > LQP03PN2N2C02D , LQP03PN2N2C02J , LQP03PN2N2C02B

## **Shape**





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	ф180mm Paper taping	15000
J	ф330mm Paper taping	50000
В	Packing in bulk	500

	Mass (Typ.)	
1 piece		0.0002g

## **Specifications**

Inductance	2.2nH ±0.2nH
Inductance test frequency	500MHz
Rated current (Itemp) (Based on Temperature rise)	1400mA(Ambient temp.85°C) 1000mA(Ambient temp.125°C)
Max. of DC resistance	0.055Ω
Q (min.)	10
Q test frequency	500MHz
Self resonance frequency (min.)	9000MHz
Operating temperature range (Self-temperature rise is not included)	-55~125°C
Series	LQP03PN_02

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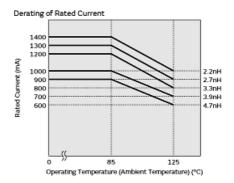
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.



<sup>2.</sup> This datasheet has only typical specifications because there is no space for detailed specifications



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.



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#### **Attention**

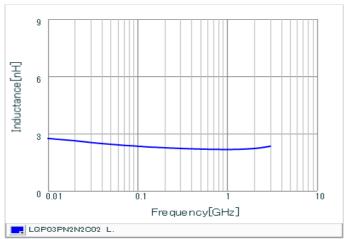
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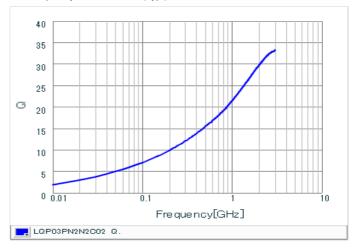
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#### Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

Inductance-Frequency characteristics (Typ.)



Q-Frequency characteristics (Typ.)



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