

# LQP03TN3N4B02#

“ # ” indicates a package specification code.

Recommended

General

Film

Thickness  
0.33mm  
max.

E-12  
Step

E-24  
Step

Tight  
Tolerance

Reflow  
OK

RoHS

< List of part numbers with package codes >  
LQP03TN3N4B02D , LQP03TN3N4B02J , LQP03TN3N4B02B

## Shape

0.6 to 62nH

Polarity Marking

Colored Side

0.6±0.03

0.3±0.03

0.6±0.03

0.3±0.03

0.15±0.05

68 to 270nH

Polarity Marking

Colored Side

0.6±0.03

0.3±0.03

0.6±0.03

0.3±0.03

0.15±0.05

(in mm)



|                     |              |
|---------------------|--------------|
| L size              | 0.6 ± 0.03mm |
| W size              | 0.3 ± 0.03mm |
| T size              | 0.3 ± 0.03mm |
| Size code mm (inch) | 0603 (0201)  |

## References

| Packaging code | Specifications        | Minimum quantity |
|----------------|-----------------------|------------------|
| D              | Paper tape ( φ 180mm) | 15000            |
| J              | Paper tape ( φ 330mm) | 50000            |
| B              | Packing in bulk       | 500              |

| Mass (Typ.) |         |
|-------------|---------|
| 1 piece     | 0.0002g |

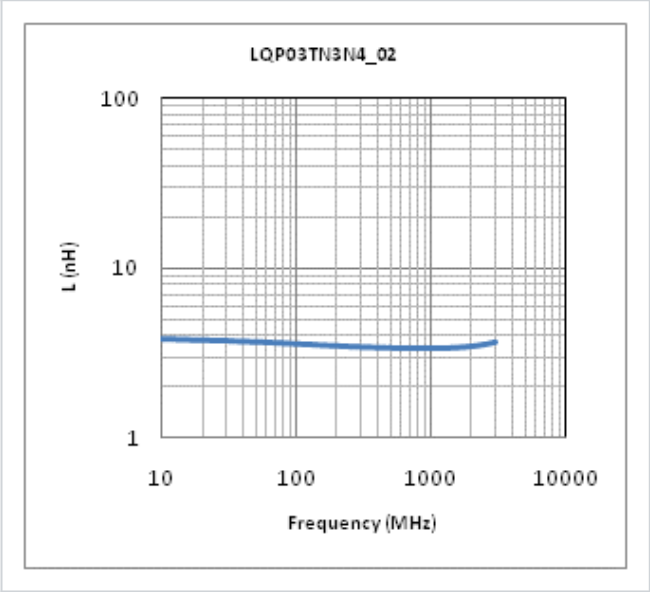
## Specifications

|                                                                     |               |
|---------------------------------------------------------------------|---------------|
| Inductance                                                          | 3.4nH ± 0.1nH |
| Inductance test frequency                                           | 500MHz        |
| Rated current (Itemp) (Based on Temperature rise)                   | 450mA         |
| Max. of DC resistance                                               | 0.25Ω         |
| Q (min.)                                                            | 14            |
| Q test frequency                                                    | 500MHz        |
| Self resonance frequency (min.)                                     | 6000MHz       |
| Operating temperature range (Self-temperature rise is not included) | -55 ~ +125    |

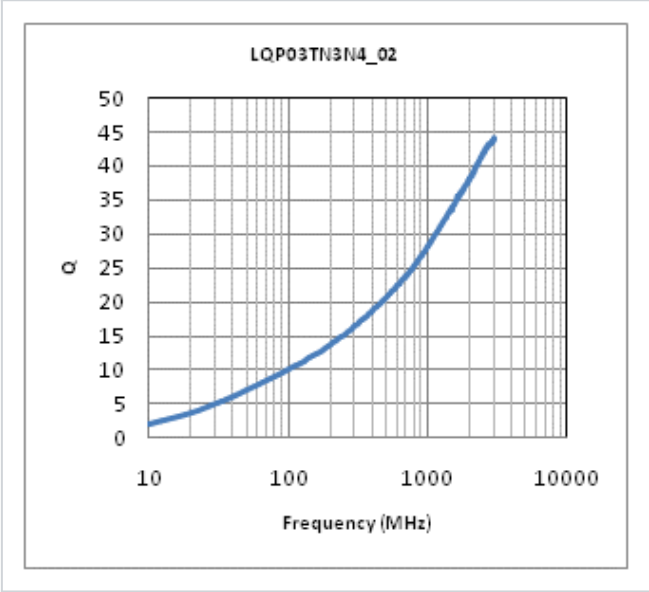
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▪ Inductance-Frequency characteristics (Typ.)



▪ Q-Frequency characteristics (Typ.)



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