

LQP03TN6N8H02#

“ # ” indicates a package specification code.

Available

General

125℃

Film

Thickness  
0.33mm  
max.

Tight  
Tolerance

Reflow  
OK

RoHS

< List of part numbers with package codes >  
LQP03TN6N8H02D , LQP03TN6N8H02J , LQP03TN6N8H02B

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 in inch (mm) | 0201 (0603) |

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 |

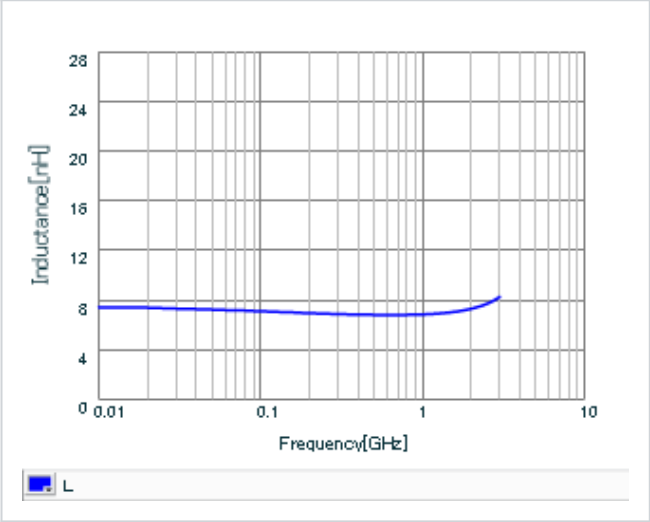
Specifications

|                                                                     |           |
|---------------------------------------------------------------------|-----------|
| Inductance                                                          | 6.8nH ±3% |
| Inductance test frequency                                           | 500MHz    |
| Rated current (Itemp) (Based on Temperature rise)                   | 300mA     |
| Max. of DC resistance                                               | 0.60Ω     |
| Q (min.)                                                            | 14        |
| Q test frequency                                                    | 500MHz    |
| Self resonance frequency (min.)                                     | 3900MHz   |
| Operating temperature range (Self-temperature rise is not included) | -55～125℃  |

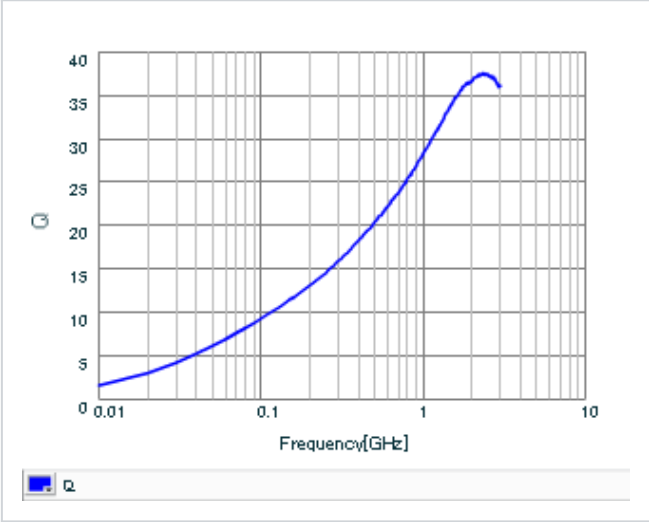
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▪ Inductance-Frequency characteristics (Typ.)



▪ Q-Frequency characteristics (Typ.)



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