

LQW03AW5N4C00#

“ # ” indicates a package specification code.

Recommended

New

General

Wound
(No Shield)
000

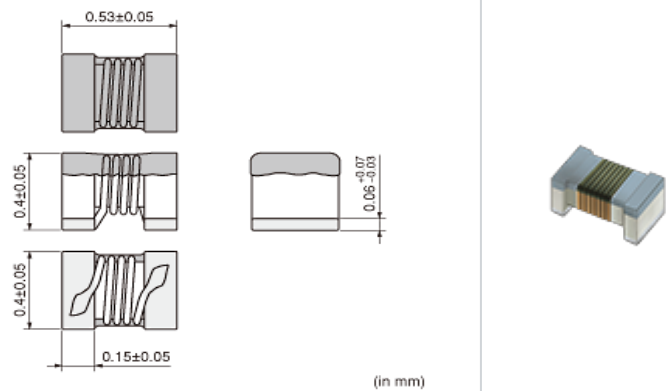
Thickness
0.45mm
max.

Reflow
OK

RoHS

< List of part numbers with package codes >
LQW03AW5N4C00D

Shape



(in mm)

| | |
|------------------------|---------------|
| L size | 0.53 ± 0.05mm |
| W size | 0.4 ± 0.05mm |
| T size | 0.4 ± 0.05mm |
| Size code in inch (mm) | 0201 (0603) |

References

| Packaging code | Specifications | Minimum quantity |
|----------------|--------------------|------------------|
| D | 180mm Paper taping | 10000 |

| Mass (Typ.) | |
|-------------|----------|
| 1 piece | 0.00023g |

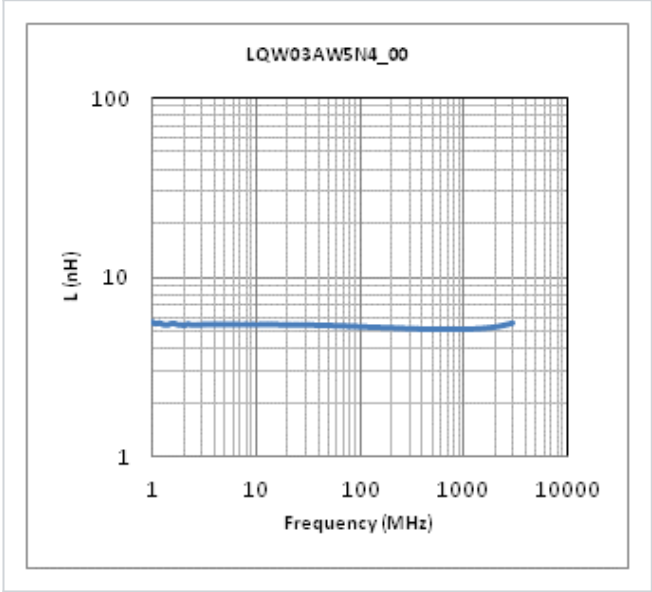
Specifications

| | |
|---|---------------|
| Inductance | 5.4nH ± 0.2nH |
| Inductance test frequency | 100MHz |
| Rated current (Itemp) (Based on Temperature rise) | 420mA |
| Max. of DC resistance | 0.21 |
| Q (min.) | 46 (Typ.) |
| Q test frequency | 900MHz |
| Self resonance frequency (min.) | 8.5GHz |
| Operating temperature range (Self-temperature rise is included) | -55 ~ 125 |

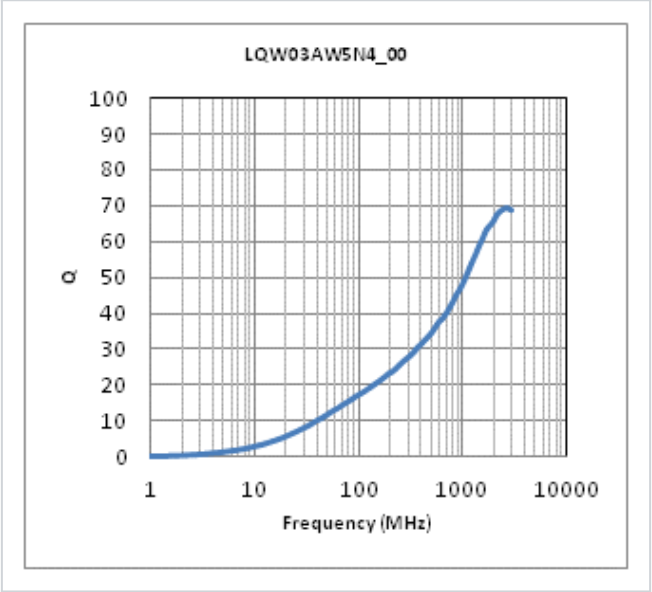
⚠ Attention

- 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.

▪ Inductance-Frequency characteristics (Typ.)



▪ Q-Frequency characteristics (Typ.)



This PDF data 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.