

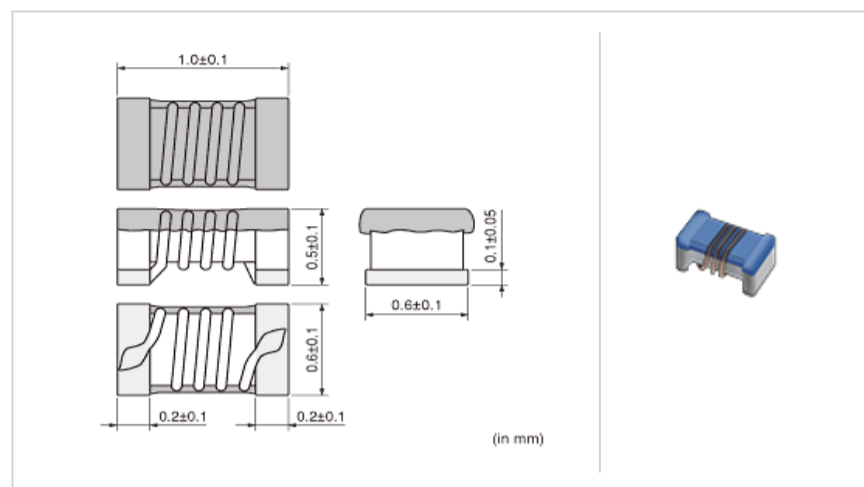
LQW15AN8N5J80#

"#" indicates a package specification code.



< List of part numbers with package codes >
LQW15AN8N5J80D , LQW15AN8N5J80B

Shape



| | |
|------------------------|-------------|
| L size | 1.0 ± 0.1mm |
| W size | 0.6 ± 0.1mm |
| T size | 0.5 ± 0.1mm |
| Size code in inch (mm) | 0402 (1005) |

Specifications

| | |
|---|------------|
| Inductance | 8.5nH ± 5% |
| Inductance test frequency | 100MHz |
| Rated current (Itemp) (Based on Temperature rise) | 1500mA |
| Max. of DC resistance | 0.069 |
| Q (min.) | 32 |
| Q test frequency | 250MHz |
| Self resonance frequency (min.) | 6.5GHz |
| Operating temperature range (Self-temperature rise is not included) | -55 ~ 125 |

Notes

In operating temperature exceeding +85 , derating of current is necessary for LQW15A_80 series. Please apply the derating curve shown in chart according to the operating temperature. Please confirm the below "Notice (Rating)".

References

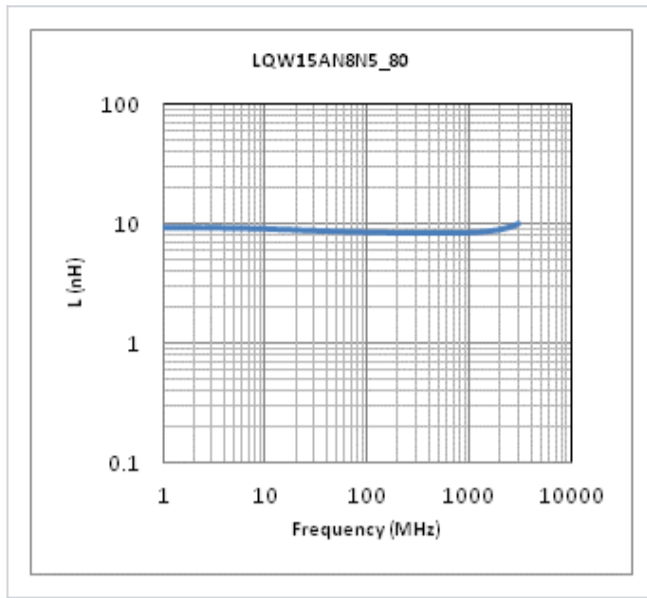
| Packaging code | Specifications | Minimum quantity |
|----------------|--------------------|------------------|
| D | 180mm Paper taping | 10000 |
| B | Packing in bulk | 500 |

| Mass (Typ.) | |
|-------------|---------|
| 1 piece | 0.0009g |

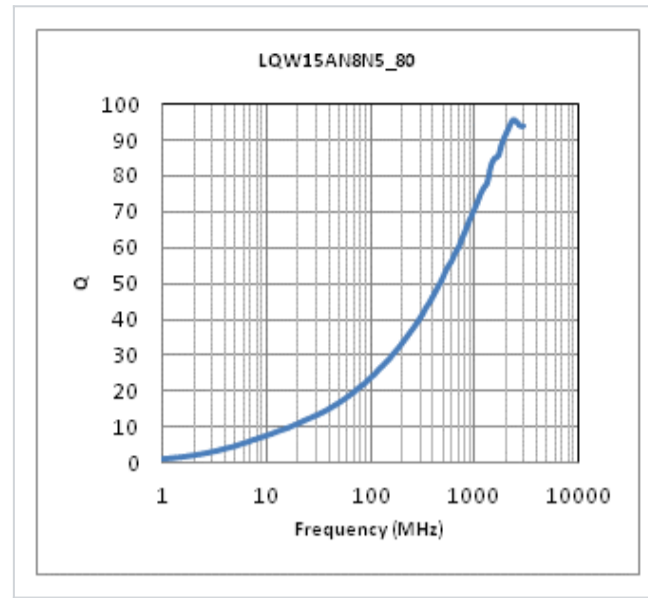
Attention

- 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.)



▪ Notice (Rating)

