muRata Inductor Data Sheet

LQP15MN1N0B02#

"#" indicates a package specification code.

In Production | General | 85℃ | Film | ▶Tight◀ Tolerance | Reflow OK | RoHS | REACH

< List of part numbers with package codes >
LQP15MN1N0B02D , LQP15MN1N0B02J , LQP15MN1N0B02B

Shape

(in mm)
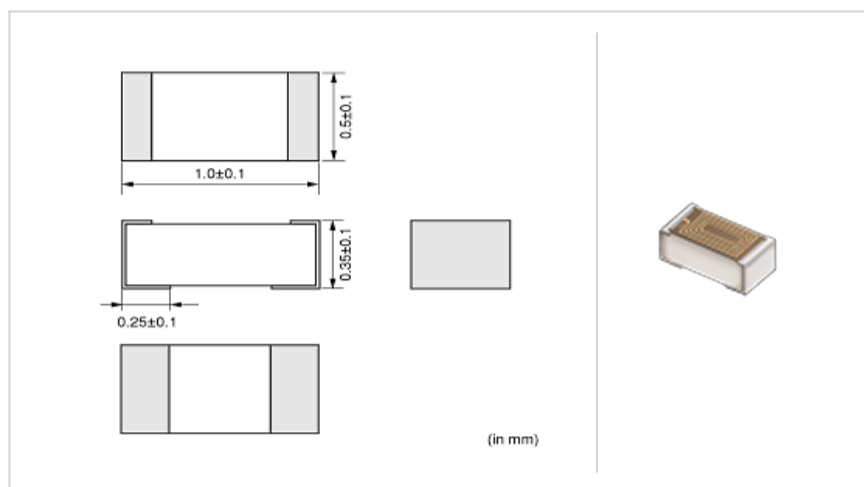
L size	1.0 ± 0.1mm
W size	0.5 ± 0.1mm
T size	0.35 ± 0.1mm
Size code in inch (mm)	0402 (1005)

References

Packaging code	Specifications	Minimum quantity
D	180mm Paper taping	10000
J	330mm Paper taping	50000
B	Packing in bulk	500

Mass (Typ.)	
1 piece	0.0006g

Specifications

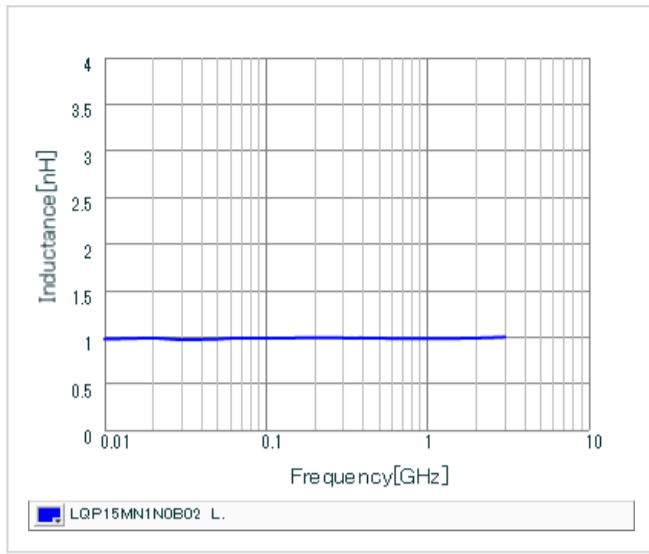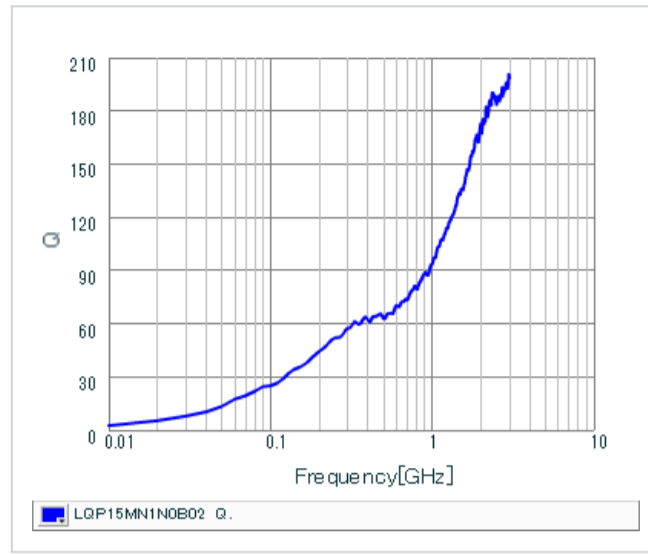| Inductance	1.0nH ± 0.1nH
Inductance test frequency	500MHz
Rated current (Itemp) (Based on Temperature rise)	400mA
Max. of DC resistance	0.1
Q (min.)	13
Q test frequency	500MHz
Self resonance frequency (min.)	6000MHz
Operating temperature range (Self-temperature rise is not included)	-40 85

⚠ **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.

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Last updated: 2016/01/15

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

■ Inductance-Frequency characteristics (Typ.)

LQP15MN1N0B02 L.

■ Q-Frequency characteristics (Typ.)

LQP15MN1N0B02 Q.

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