muRata   Inductor Data Sheet

LQW2BAS10NJ00#

"#" indicates a package specification code.

| In Production | General | 125℃ | Wound (NoShield) | Reflow OK | RoHS | REACH |

< List of part numbers with package codes >
LQW2BAS10NJ00L , LQW2BAS10NJ00K , LQW2BAS10NJ00B

Shape

(in mm)

L size	2.09 ±0.2mm
W size	1.53 ±0.2mm
T size	1.42 ±0.1mm
Size code in inch (mm)	0805 (2015)
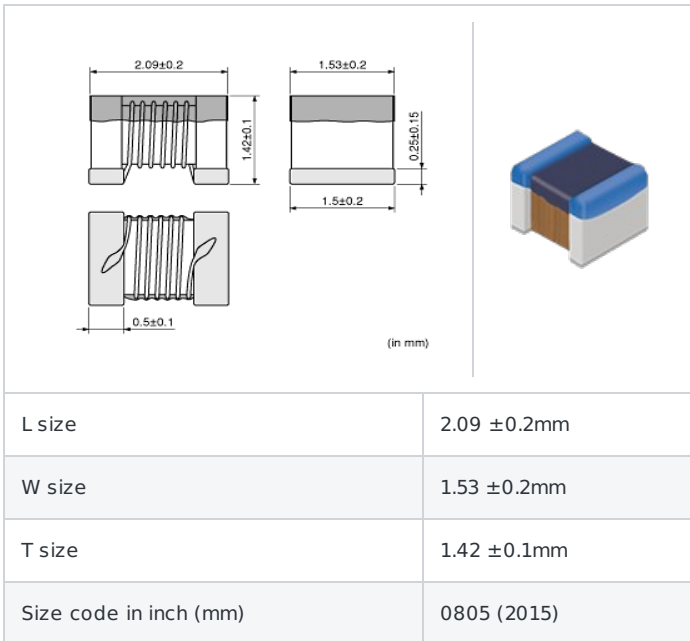
References

Packaging code	Specifications	Minimum quantity
L	φ180mm Embossed taping	2000
K	φ330mm Embossed taping	8000
B	Packing in bulk	500

Mass (Typ.)	
1 piece	0.014g

Specifications

Inductance	10nH ±5%
Inductance test frequency	250MHz
Rated current (Itemp) (Based on Temperature rise)	600mA
Max. of DC resistance	0.10Ω
Q (min.)	60
Q test frequency	500MHz
Self resonance frequency (min.)	4300MHz
Operating temperature range (Self-temperature rise is not included)	-55〜125℃

⚠ **Attention**

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

▪ Inductance-Frequency characteristics (Typ.)

LQW2BAS10NJ00 L.
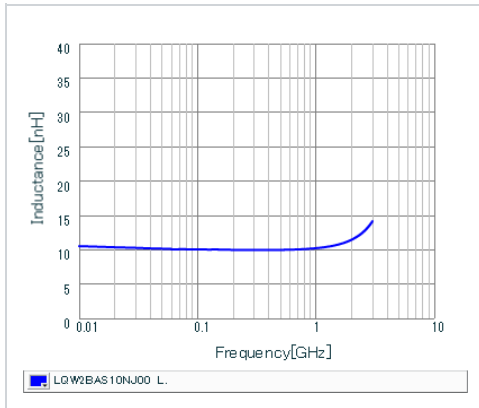
▪ Q-Frequency characteristics (Typ.)
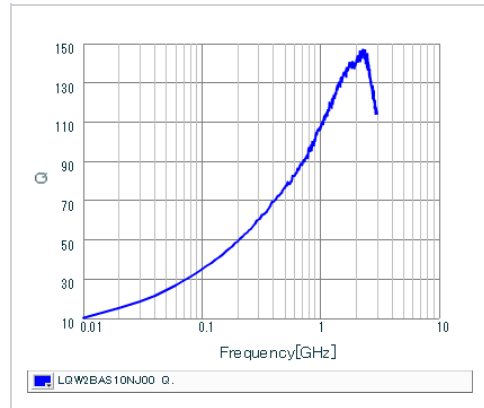
LQW2BAS10NJ00 Q.

⚠ **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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