

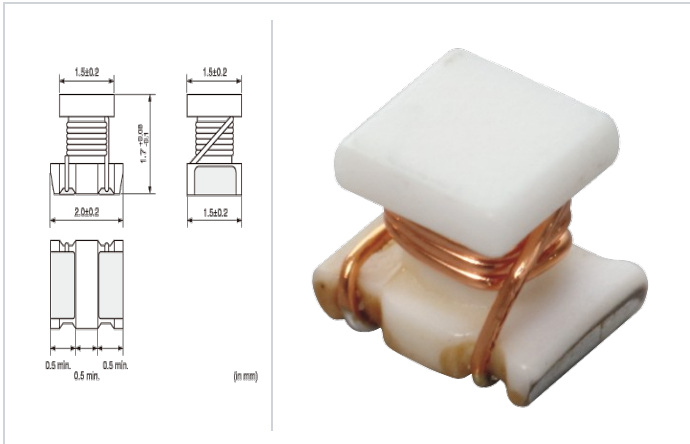
LQW2BHN82NJ03#

indicates a package specification code.



< List of part numbers with package codes >
LQW2BHN82NJ03L , LQW2BHN82NJ03K

Shape



L size	2.0 ±0.2mm
W size	1.5 ±0.2mm
T size	1.7 +0.08/-0.1 mm
Size code in inch (mm)	0805 (2015)

References

Packaging code	Specifications	Minimum quantity
L	φ 180mm Embossed taping	2000
K	φ330mm Embossed taping	7500

Mass (Typ.)	
1 piece	0.009g

Specifications

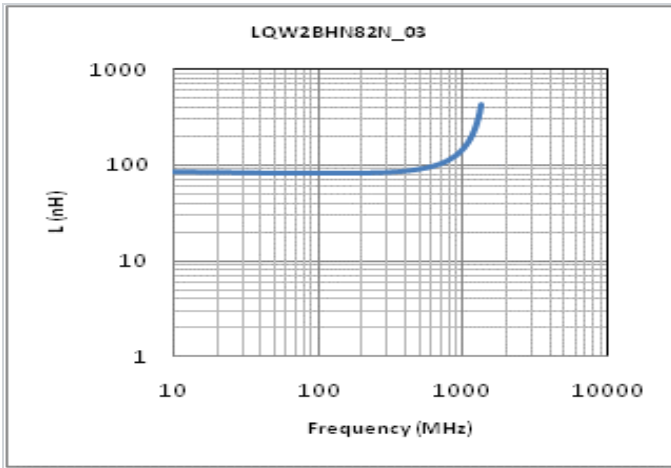
Inductance	82nH ±5%
Inductance test frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	320mA
Max. of DC resistance	0.42Ω
Q (min.)	40
Q test frequency	150MHz
Self resonance frequency (min.)	1100MHz
Operating temperature range (Self-temperature rise is not included)	-40°C to 85°C
Series	LQW2BHN_03

Attention

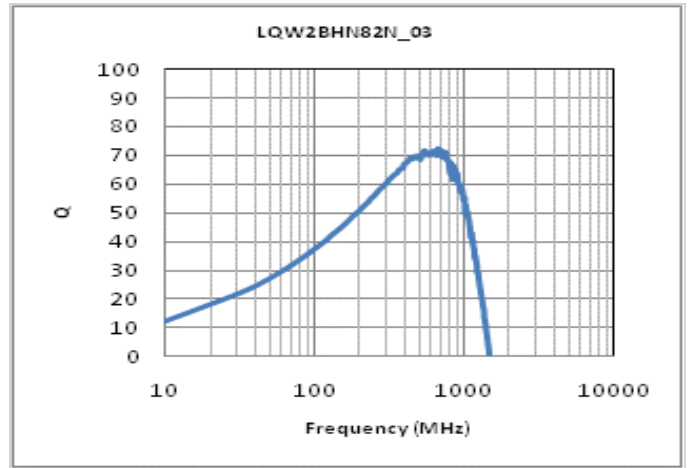
- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet 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.

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

▪ Inductance-Frequency characteristics (Typ.)



▪ Q-Frequency characteristics (Typ.)



⚠ 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.