muRata Inductor Data Sheet

LQP02HQ4N2C02#

"#" indicates a package specification code.

| In Production | General | 125°C max. | Film | High Q | Reflow OK | RoHS | REACH |

< List of part numbers with package codes >

LQP02HQ4N2C02E , LQP02HQ4N2C02L , LQP02HQ4N2C02B

Shape

(in mm)

L size	0.4 ±0.02mm
W size	0.2 ±0.02mm
T size	0.3 ±0.02mm
Size code in inch (mm)	01005 (0402)
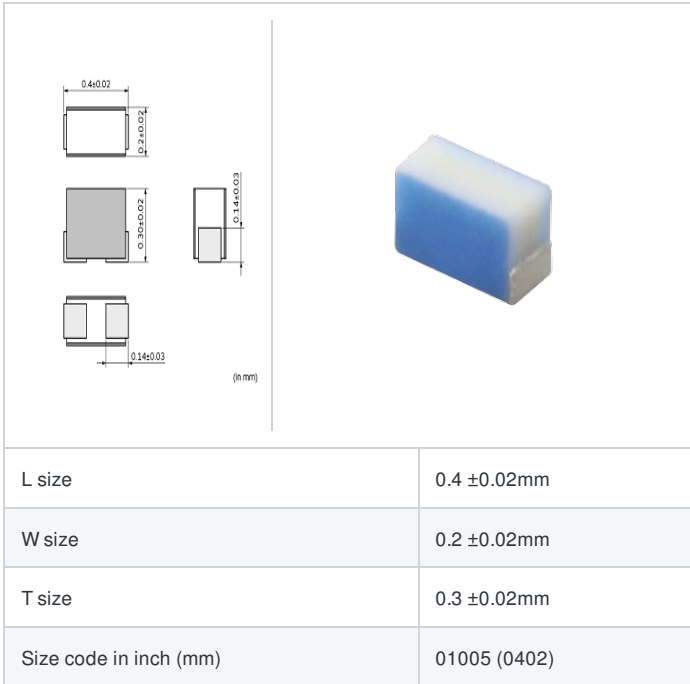
References

Packaging code	Specifications	Minimum quantity
L	φ180mm Embossed taping	30000
B	Packing in bulk	500
E	φ180mm Embossed taping (W8P2*) *Width : 8mm, Pocket pitch : 2mm	15000

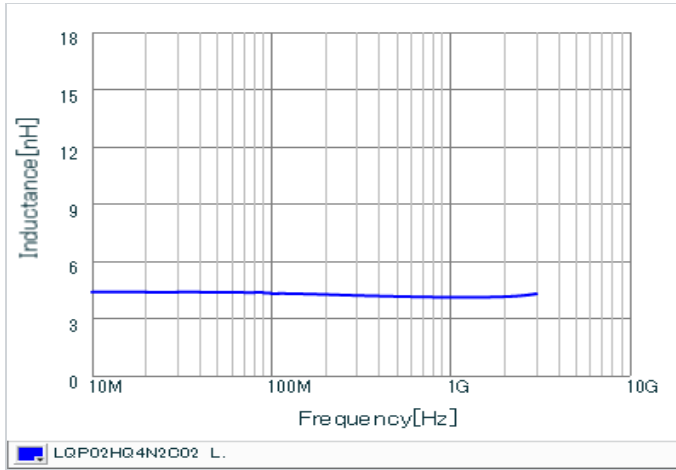| Mass (Typ.)	
1 piece	0.000085g

Specifications

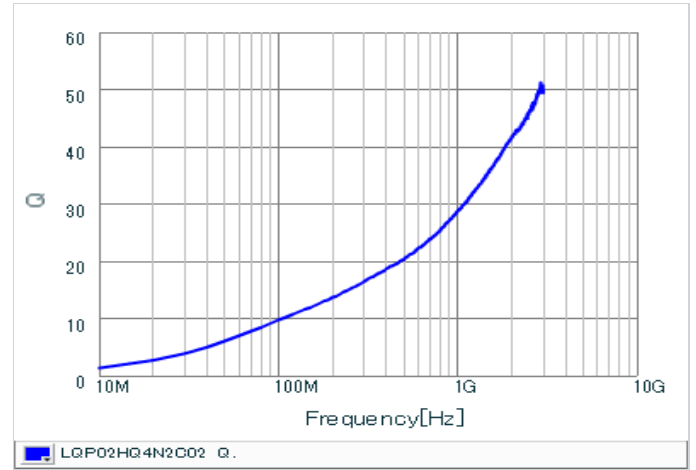| Inductance	4.2nH ±0.2nH
Inductance test frequency	500MHz
Rated current (Itemp) (Based on Temperature rise)	350mA
Max. of DC resistance	0.35Ω
Q (min.)	14
Q test frequency	500MHz
Self resonance frequency (min.)	6.9GHz
Operating temperature range (Self-temperature rise is not included)	-55°C to 125°C
Series	LQP02HQ_02

⚠ **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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URL : https://www.murata.com/

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

Inductance-Frequency characteristics (Typ.)

LQP02HQ4N2C02 L.

Q-Frequency characteristics (Typ.)

LQP02HQ4N2C02 Q.

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