

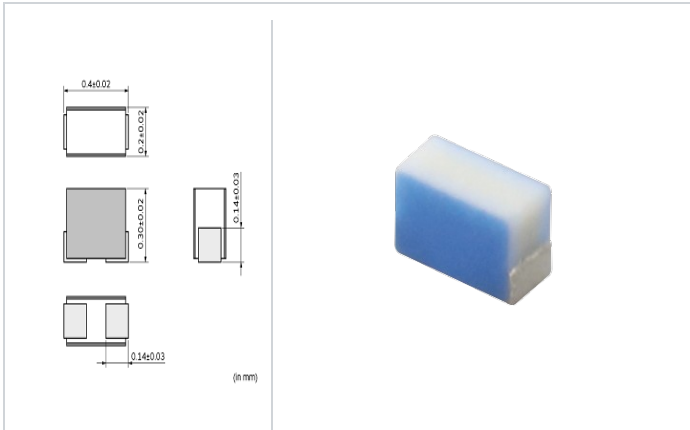
# LQP02HQ1N8B02#

# indicates a package specification code.



< List of part numbers with package codes >  
 LQP02HQ1N8B02E , LQP02HQ1N8B02L , LQP02HQ1N8B02B

## Shape



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	φ 180mm Embossed taping	30000
B	Packing in bulk	500
E	φ 180mm Embossed taping (W8P2*) *Width : 8mm, Pocket pitch : 2mm	15000

Mass (Typ.)	
1 piece	0.000085g

## Specifications

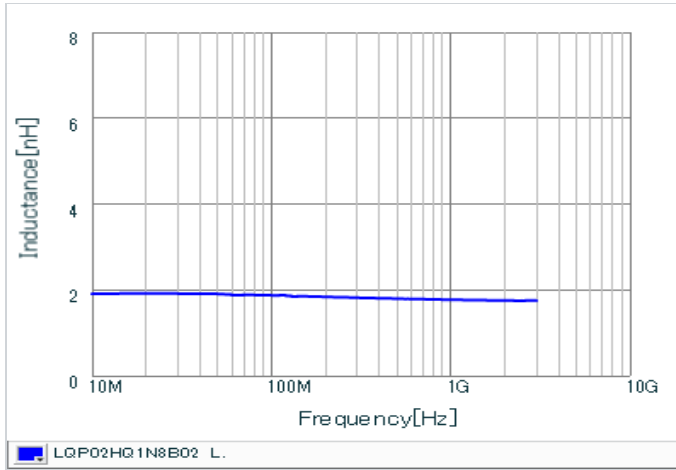
Inductance	1.8nH ±0.1nH
Inductance test frequency	500MHz
Rated current (Itemp) (Based on Temperature rise)	700mA
Max. of DC resistance	0.08Ω
Q (min.)	14
Q test frequency	500MHz
Self resonance frequency (min.)	10.2GHz
Operating temperature range (Self-temperature rise is not included)	-55°C to 125°C
Series	LQP02HQ_02

### Attention

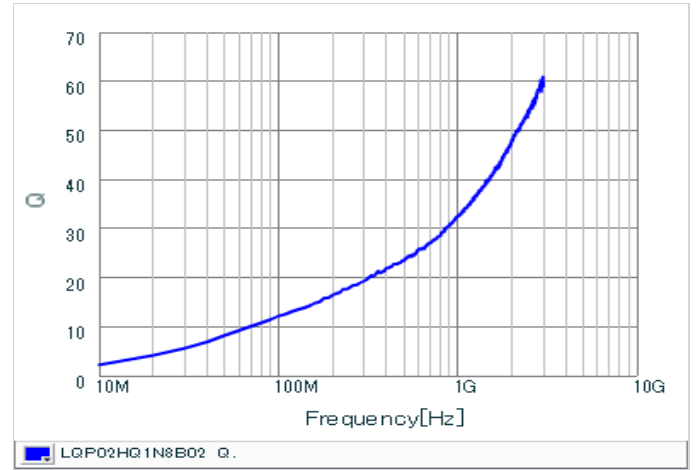
- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet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

**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.