

# LQH2MCN470K02#

“#” indicates a package specification code.

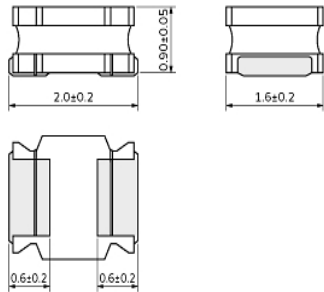
Size Code 2016 (0806) in mm (in inch), 0.95mm max. Thickness



< List of part numbers with package codes >

LQH2MCN470K02L      LQH2MCN470K02B

## Appearance & Shape



(in mm)

## References

Packaging	Specifications	Standard Packing Quantity
L	180Embossed Tape	3000
B	Bulk(Bag)	100

Mass (typ.)	
1 piece	0.01g

## Notices

When rated current is applied to the products, inductance will be within  $\pm 10\%$  of initial inductance value. When rated current is applied to the products, the temperature rise caused by self-generated heat shall be limited to 40°C max.

### 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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## Specifications

L size	2.0±0.2mm
W size	1.6±0.2mm
T size	0.9±0.05mm
Size code inch (mm)	0806 (2016)
Inductance	47μH±10%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	120mA
Max. of DC resistance	6.63Ω
Class of magnetic shield	No Shield
Self resonance frequency (min.)	18MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
DC Resistance Intermediate Values	5.1Ω±30%
Series	LQH2MCN_02

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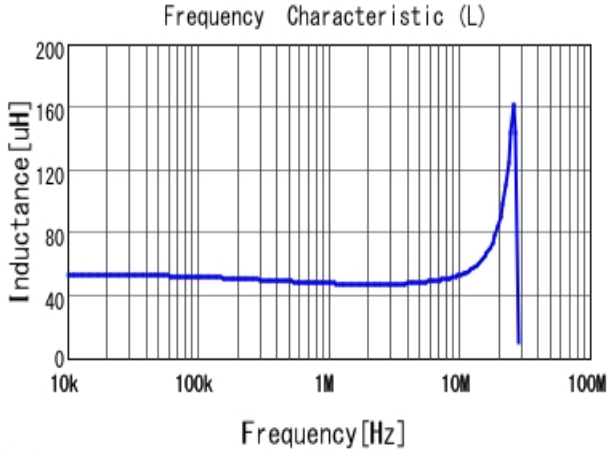
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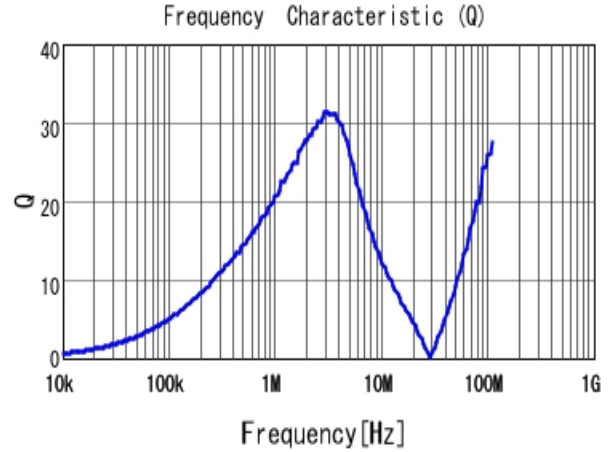
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## Characteristic Data

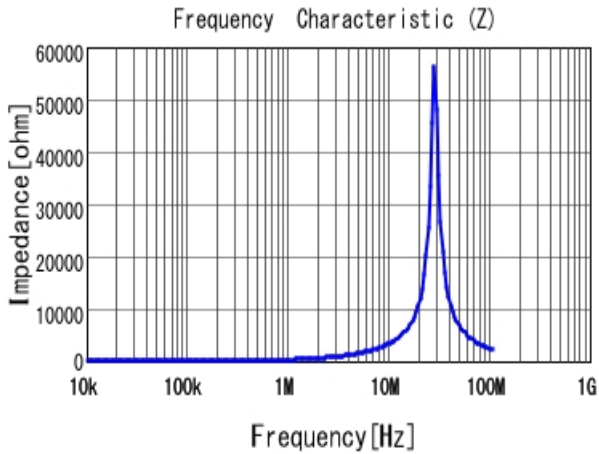
The charts below may show another part number which shares its characteristics.



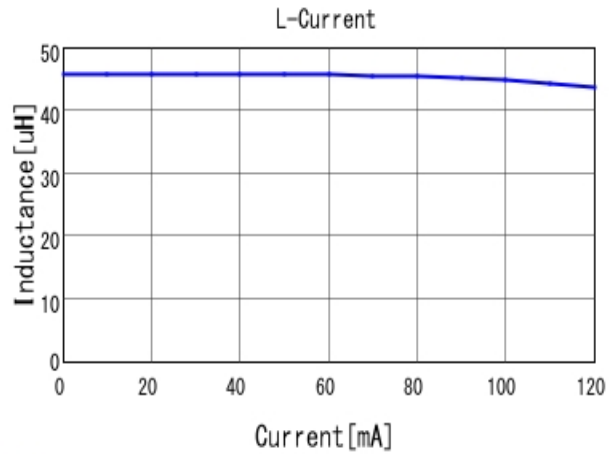
■ LQH2MCN470K02 L



■ LQH2MCN470K02 Q



■ LQH2MCN470K02 |Z|



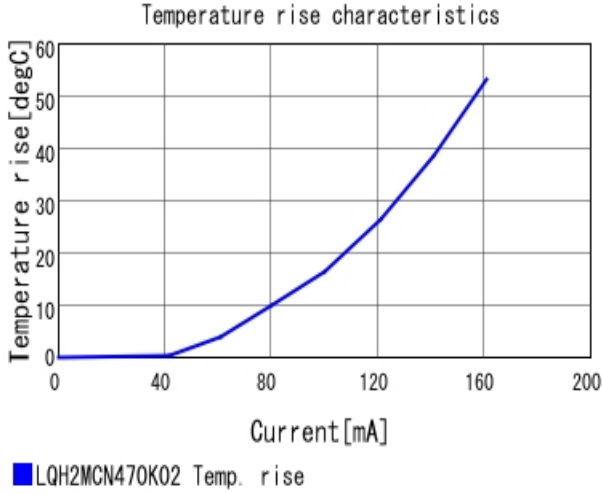
■ LQH2MCN470K02 L-Current 20degC

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