Inductor Data Sheet

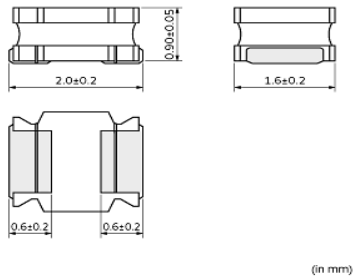
LQH2MCN330K02#

"#" indicates a package specification code.

In Production | General | 85 °C max. | Wound (Ferrite) | Reflow OK | RoHS | REACH

< List of part numbers with package codes >
LQH2MCN330K02L , LQH2MCN330K02B

Shape



L size	2.0 ±0.2mm
W size	1.6 ±0.2mm
T size	0.9 ±0.05mm
Size code in inch (mm)	0806 (2016)

Notes

When rated current is applied to the products, inductance will be within ±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.

References

Packaging code	Specifications	Minimum quantity
L	φ180mm Embossed taping	3000
B	Packing in bulk	100

Mass (Typ.)	
1 piece	0.010g

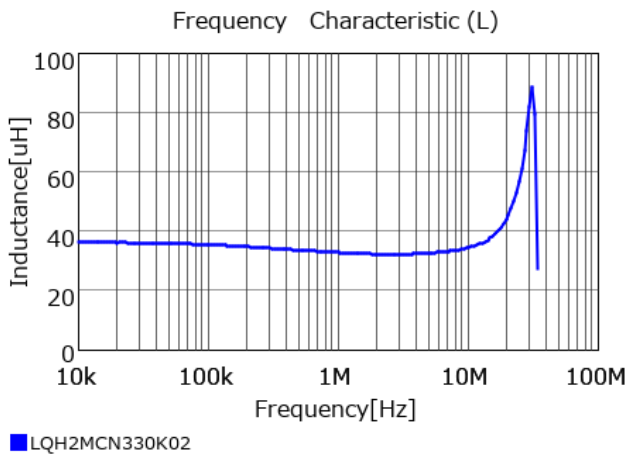
Specifications

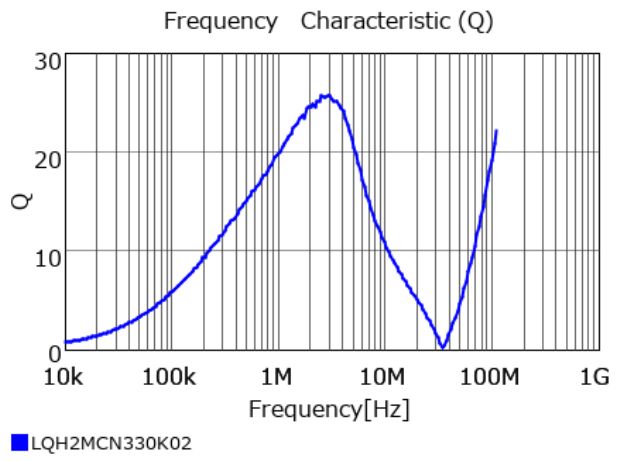
Inductance	33µH ±10%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	160mA
Max. of DC resistance	3.64Ω
Avg. of DC resistance	2.8Ω ±30%
Self resonance frequency (min.)	28MHz
Operating temperature range (Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	No Shield
Series	LQH2MCN_02

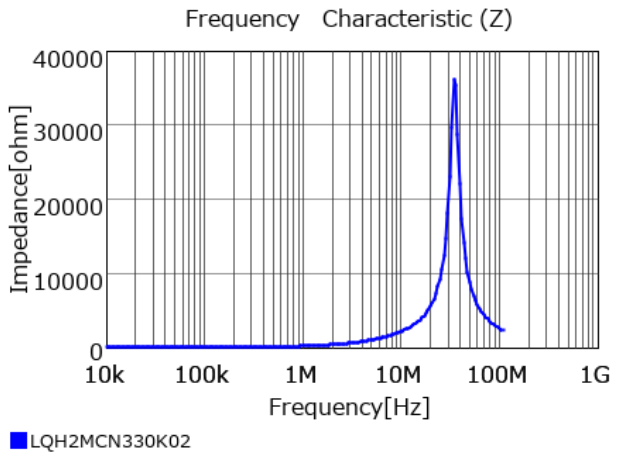
Attention

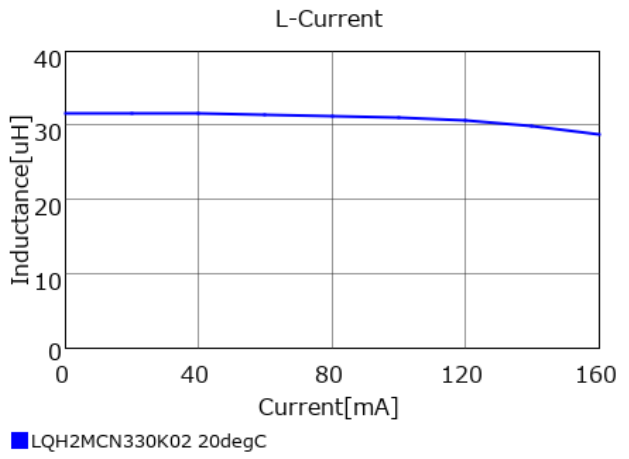
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2.This datasheet has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

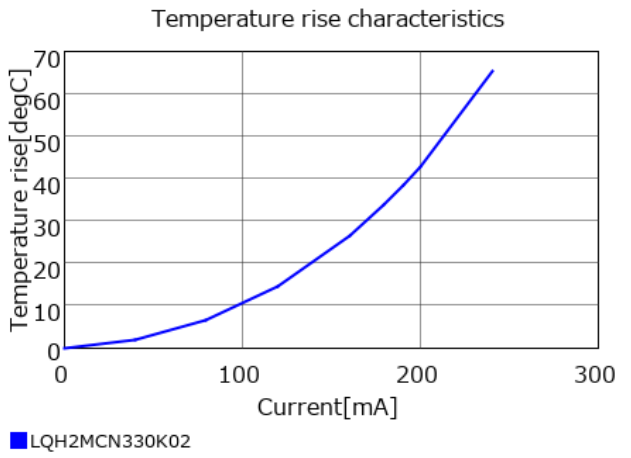
Chart of characteristic data (The charts below may show another part number which shares its characteristics.)











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.