

LQH55DN1R5M03#

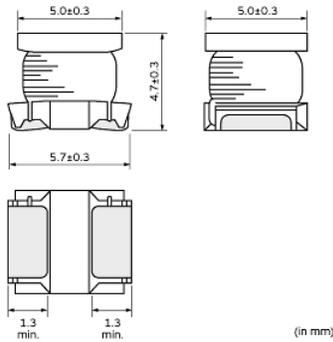
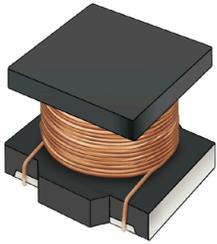
“#” indicates a package specification code.

Large Current



< List of part numbers with package codes >
LQH55DN1R5M03K LQH55DN1R5M03L

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
K	330Embossed Tape	1500
L	180Embossed Tape	350

Mass (typ.)	
1 piece	0.48g

Notices

When rated current is applied to the products, inductance will be within $\pm 40\%$ 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.

LQH55DN1R5M03#

“#” indicates a package specification code.



Specifications

L size	5.7±0.3mm
W size	5.0±0.3mm
T size	4.7±0.3mm
Size code inch (mm)	2220 (5750)
Inductance	1.5μH±20%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	3.7A
Max. of DC resistance	0.0308Ω
Class of magnetic shield	No Shield
Self resonance frequency (min.)	110MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 80°C
Brand	Murata
DC Resistance Intermediate Values	0.022Ω±40%
Series	LQH55DN_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.

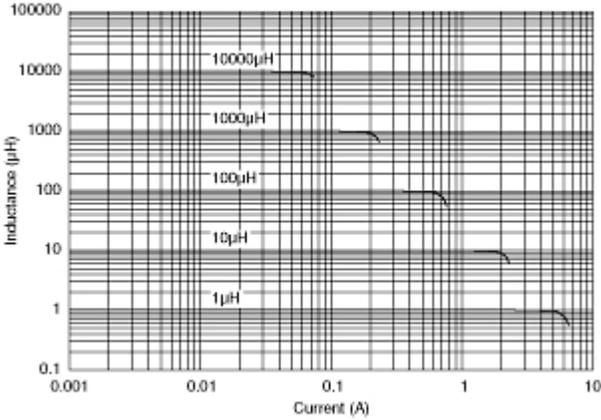
2.This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

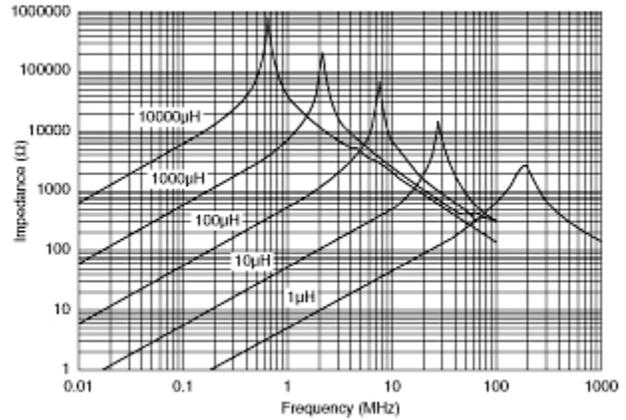
LQH55DN1R5M03#

“#” indicates a package specification code.

Characteristic Data



Impedance - Current Characteristics



Impedance - Frequency 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.