

LQH55DN103M03#

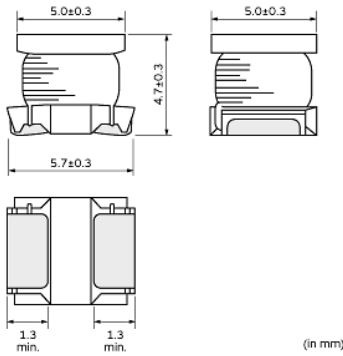
“#” indicates a package specification code.

Large Current



< List of part numbers with package codes >
LQH55DN103M03L LQH55DN103M03K

Appearance & Shape



References

Packaging	Specifications	Minimum Order Quantity
L	180Embossed Tape	350
K	330Embossed Tape	1500

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.

LQH55DN103M03#

“#” 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	10000μH±20%
Inductance Test Frequency	10kHz
Rated current (Itemp) (Based on Temperature rise)	0.05A
Max. of DC resistance	140Ω
Class of magnetic shield	No Shield
Self resonance frequency (min.)	0.5MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 80°C
DC Resistance Intermediate Values	100Ω±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.

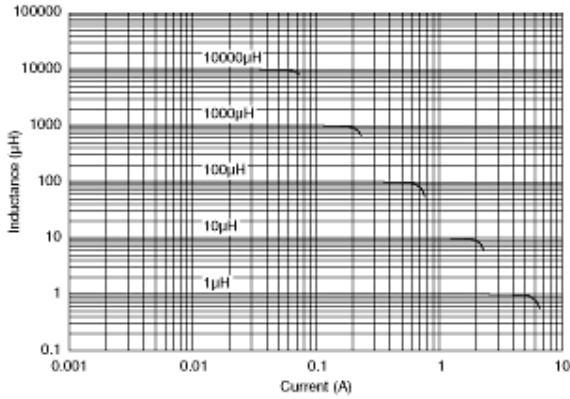
2.This datasheet has only typical specifications because there is no space for detailed specifications.

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

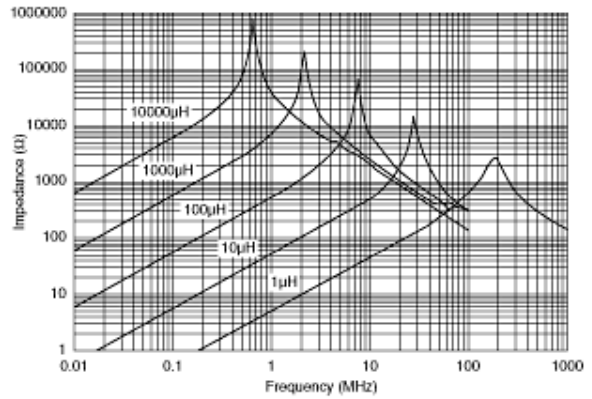
LQH55DN103M03#

“#” indicates a package specification code.

Product 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.