

# LQH32DN470K53#

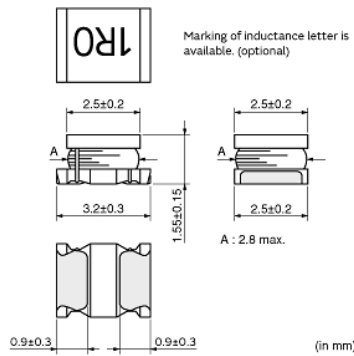
“#” indicates a package specification code.

It can be used in 105 °C environment.



< List of part numbers with package codes >  
LQH32DN470K53K LQH32DN470K53L

## Appearance & Shape



## References

Packaging	Specifications	Minimum Order Quantity
K	330 Embossed Tape	7500
L	180 Embossed Tape	2000

Mass (typ.)	
1 piece	0.045g

## Notices

When rated current is applied to the products, self-temperature rise shall be limited to 20°C max and inductance will be within ±10% of initial inductance value.

**Attention**  
 1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

# LQH32DN470K53#

“#” indicates a package specification code.

## Specifications

L size	3.2±0.3mm
W size	2.5±0.2mm
T size	1.55±0.15mm
Size code inch (mm)	1210 (3225)
Inductance	47μH±10%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	170mA
Max. of DC resistance	1.69Ω
Class of magnetic shield	No Shield
Self resonance frequency (min.)	15MHz
DC Resistance Intermediate Values	1.3Ω±30%
Operating Temperature Range	-40°C to 105°C
Series	LQH32DN_53

### 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.

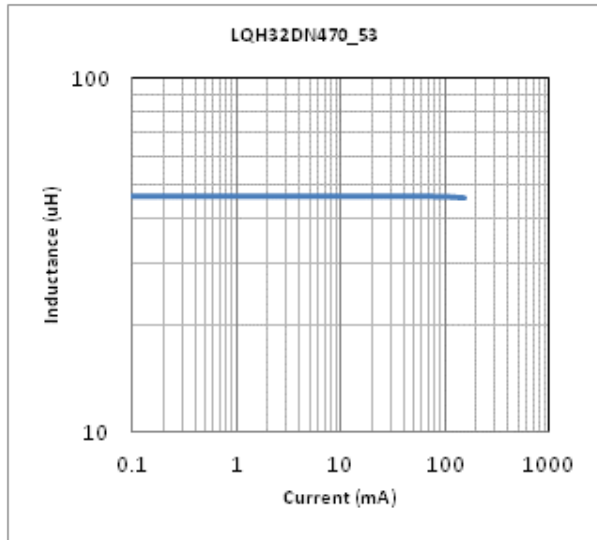
2.This datasheet has only typical specifications because there is no space for detailed specifications.

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

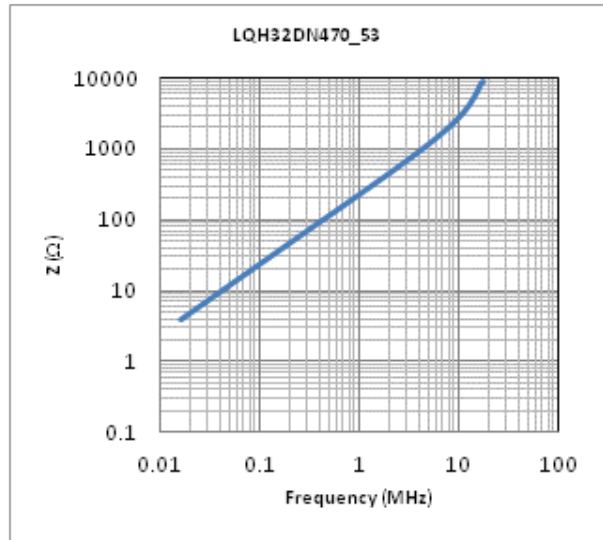
# LQH32DN470K53#

“#” 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.