Note: This datasheet may be out of date.
Please download the latest datasheet of LQH43NZ242J03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQH43NZ242J03%23

LQH43NZ242J03#

"#"at the end indicates the package specification code.

It can be used in 105 ℃ environment.

In Production | AEC-Q200 | RoHS | REACH | 105 ℃ max. | Wound (Ferrite) | Reflow OK

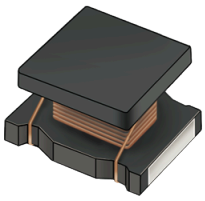
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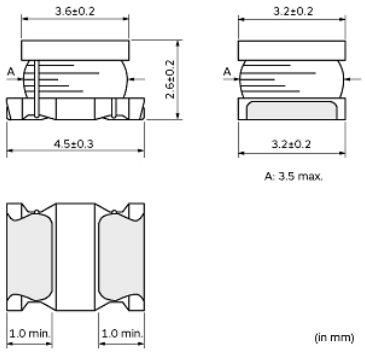
LQH43NZ242J03K LQH43NZ242J03L

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Automotive infotainment/comfort equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.
Recommended Applications	Automotive infotainment/comfort equipment

Appearance & Shape





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, 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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LQH43NZ242J03#

"#"at the end indicates the package specification code.

References

Packaging	Specifications	Standard Packing Quantity
K	330Embossed Tape	2500
L	180Embossed Tape	500

Mass (typ.)	
1 piece	0.13g

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LQH43NZ242J03#

"#"at the end indicates the package specification code.

Specifications

L size	4.5±0.3mm
W size	3.2±0.2mm
T size	2.6±0.2mm
Size code inch (mm)	1812 (4532)
Inductance	2400μH±5%
Inductance Test Frequency	1kHz
Rated current (Itemp) (Based on Temperature rise)	25mA
Max. of DC resistance	53Ω
Class of magnetic shield	Non-Shielded
Q(min.)	40
Q Test Frequency	252kHz
Self resonance frequency (min.)	1.2MHz
Brand	Murata
Operating Temperature Range	-40℃ to 105℃
Series	LQH43NZ_03

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