muRata
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

LQH32DN390K23#

"#"at the end indicates the package specification code.
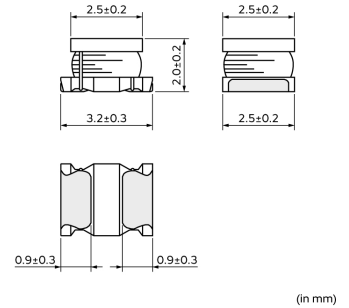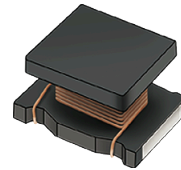
It can be used in 105 ℃ environment.

In Production	RoHS	REACH	105 ℃ max.	Wound (Ferrite)	Reflow OK

< List of part numbers with package codes >

LQH32DN390K23K   LQH32DN390K23L

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer 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	Consumer equipment

Appearance & Shape

2.5±0.2
2.0±0.2
3.2±0.3
2.5±0.2
2.5±0.2
0.9±0.3
0.9±0.3

(in mm)

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.

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Last updated05/15/2024

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Note: This datasheet may be out of date.
Please download the latest datasheet of LQH32DN390K23# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LQH32DN390K23%23

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References

Packaging	Specifications	Standard Packing Quantity
K	330Embossed Tape	7500
L	180Embossed Tape	2000

Mass (typ.)	
1 piece	0.06g

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Specifications

L size	3.2±0.3mm
W size	2.5±0.2mm
T size	2.0±0.2mm
Size code inch (mm)	1210 (3225)
Inductance	39µH±10%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	200mA
Max. of DC resistance	1.56Ω
DC resistance	1.2Ω±30%
Class of magnetic shield	Non-Shielded
Self resonance frequency (min.)	16MHz
Brand	Murata
Operating Temperature Range	-40℃ to 105℃
Series	LQH32DN_23

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