

LQH32NH181J23#

“#” at the end indicates the package specification code.

It can be used in 125 °C environment.



< List of part numbers with package codes >

LQH32NH181J23K LQH32NH181J23L

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Automotive infotainment/comfort equipment, Automotive powertrain/safety equipment, Medical equipment [GHF A/B/C] except for implant & surgery & auto injector 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 powertrain/safety equipment

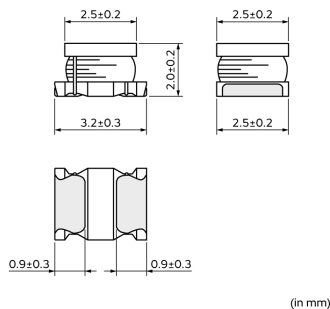
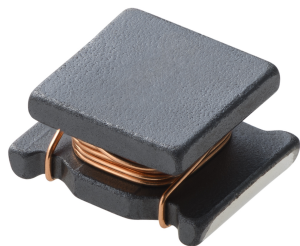
Notices

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.

References

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

Appearance & Shape



Mass (typ.)	
1 piece	0.06g

Attention

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

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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	180μH±5%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	60mA
Max. of DC resistance	9.12Ω
DC resistance	7.60Ω±20%
Class of magnetic shield	Non-Shielded
Q(min.)	40
Q Test Frequency	796kHz
Self resonance frequency (min.)	6MHz
Brand	Murata
Operating Temperature Range	-40°C to 125°C
Series	LQH32NH_23

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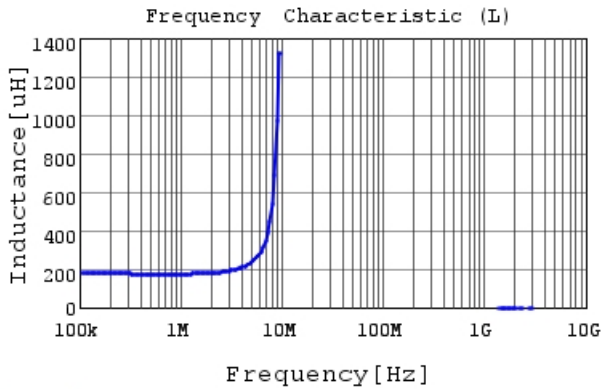
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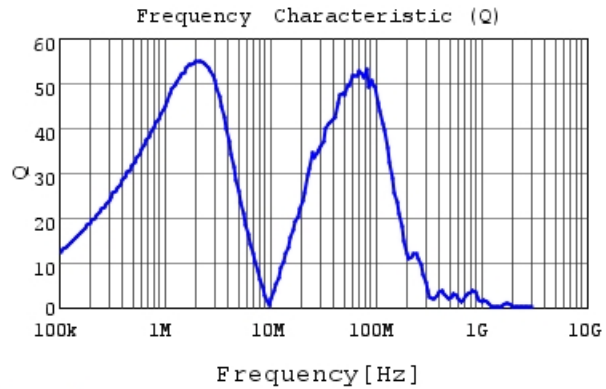


Characteristic Data

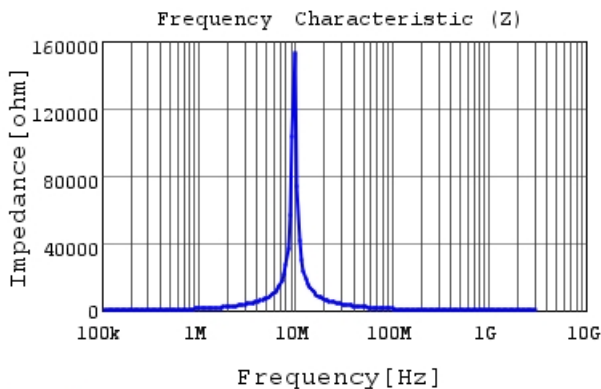
The charts below may show another part number which shares its characteristics.



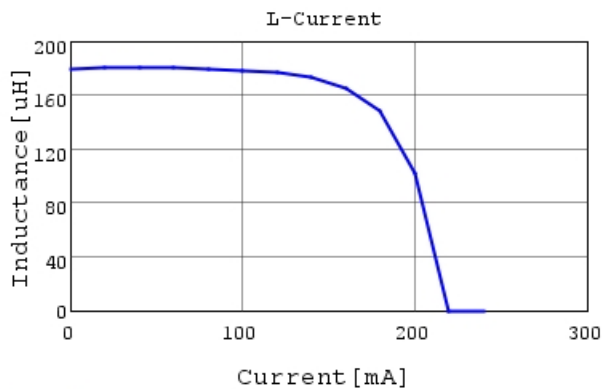
LQH32NH181J23 L



LQH32NH181J23 Q



LQH32NH181J23 |Z|



LQH32NH181J23 L-Current 20degC

Attention

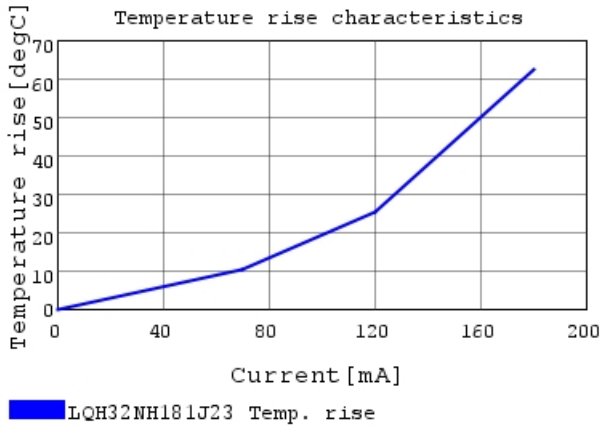
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