

LQH43NH1R8J03#

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

It can be used in 125 °C environment.



< List of part numbers with package codes >

LQH43NH1R8J03K LQH43NH1R8J03L

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 [GHTF 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

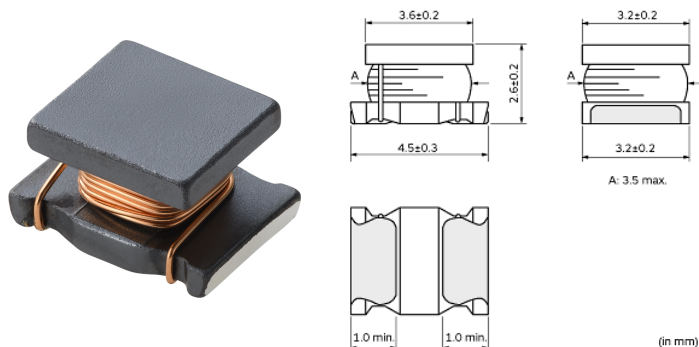
Notices

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 nominal value.

References

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

Appearance & Shape



Mass (typ.)	
1 piece	0.13g

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	4.5±0.3mm
W size	3.2±0.2mm
T size	2.6±0.2mm
Size code inch (mm)	1812 (4532)
Inductance	1.8μH±5%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	1050mA
Max. of DC resistance	0.0516Ω
DC resistance	0.043Ω±20%
Class of magnetic shield	Non-Shielded
Q(min.)	20
Q Test Frequency	1MHz
Self resonance frequency (min.)	75MHz
Brand	Murata
Operating Temperature Range	-40°C to 125°C
Series	LQH43NH_03

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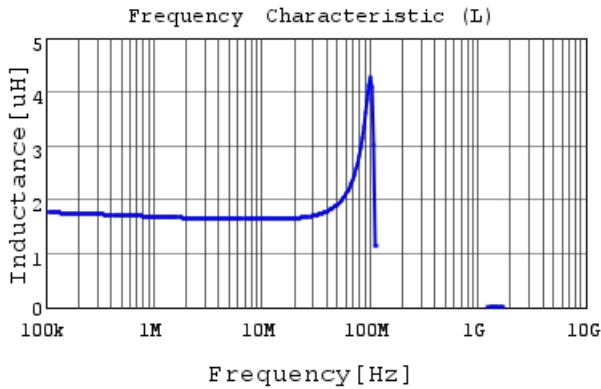
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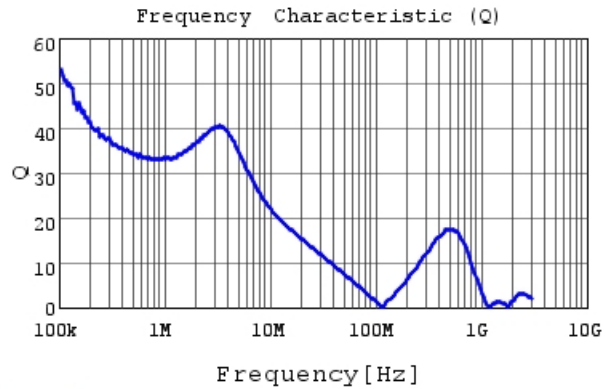


Characteristic Data

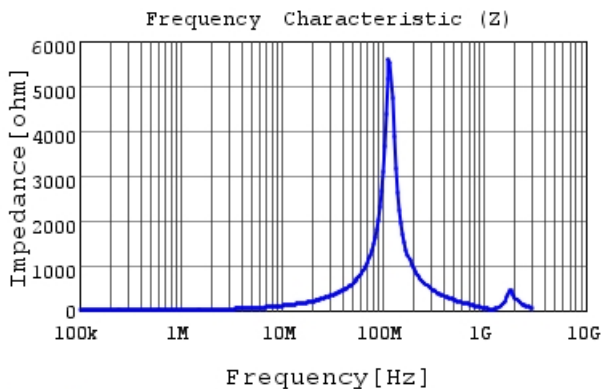
The charts below may show another part number which shares its characteristics.



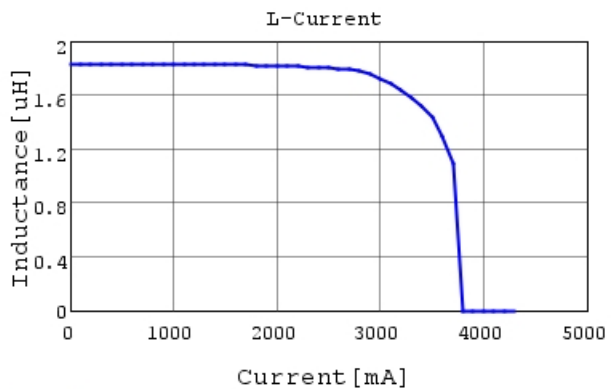
LQH43NH1R8J03 L



LQH43NH1R8J03 Q



LQH43NH1R8J03 |Z|



LQH43NH1R8J03 L-Current 20degC

Attention

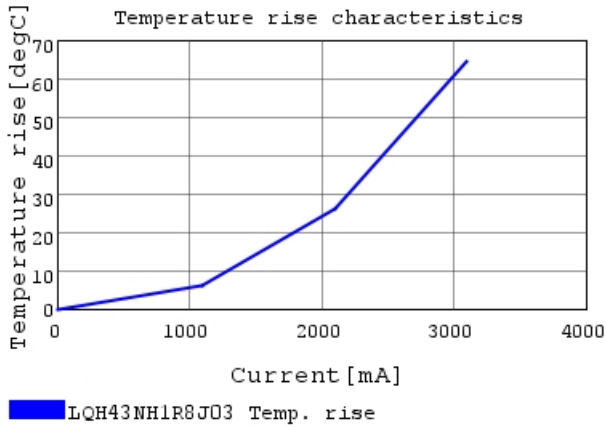
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