

LQH43CN100K03#

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

● In Production

Wire Wound Ferrite Inductor for Power Lines

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Size Code 4532 (1812) in mm (in inch)

LQH43CN100K03L

Attention

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

Unsuitable Applications	Please be sure to read and comply with these " <u>Precautions for use</u> ".
Specific Applications	<u>Consumer equipment,Industrial equipment except for transportation & facility & energy equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector</u> 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

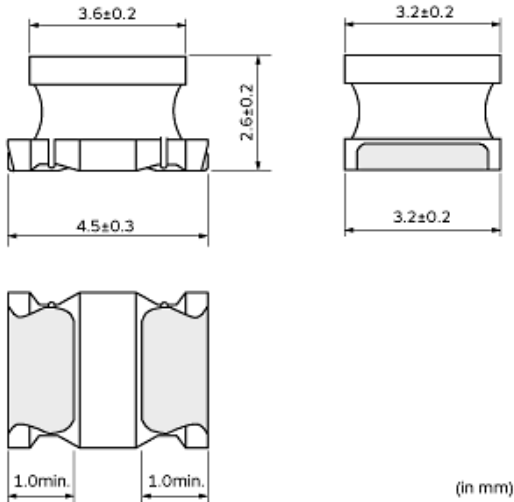
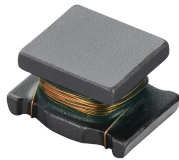
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Appearance & Shape



Length	4.5mm ±0.3mm
Width	3.2mm ±0.2mm
Thickness	2.6mm ±0.2mm
Size code in mm(inch)	4532/1812

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Specifications

Inductance	10μH ±10%
Inductance Test Frequency	1MHz
Rated Current (Temperature Rise) / Max.	650mA
DC Resistance(max.)	0.24Ω
Self-resonant frequency(min.)	23MHz
Operating Temperature	-40 ~ 85°C
Type of magnetic shield	Non-Shielded
Series	LQH43CN_03
Brand	Murata
Soldering Support	Reflow soldering,Flow soldering

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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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References

Packaging	Specifications	Standard Packing Quantity
L	180Embossed Tape	500

Mass(Typ.)	
1 piece	0.13g

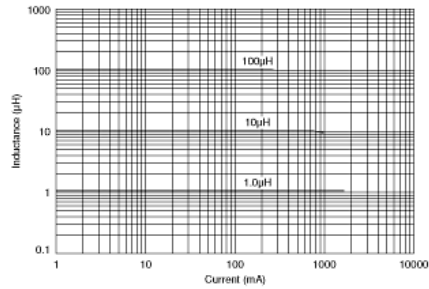
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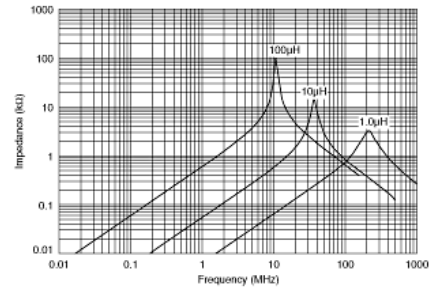
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Product Data



Impedance - Current Characteristics



Impedance - Frequency Characteristics

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