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http://www.murata.com/en-us/products/productdetail?partno=LQW18CNR10K0Z%23

LQW18CNR10K0Z#

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

For Power Choke

In Production | AEC-Q200 | RoHS | REACH | 125 °C max. | Wound (Ferrite) | Reflow OK

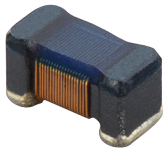
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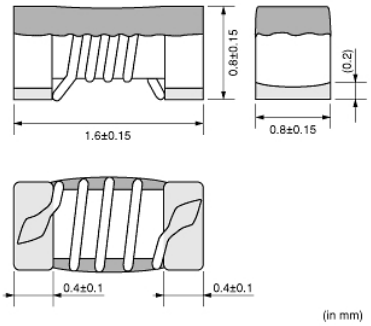
LQW18CNR10K0ZB LQW18CNR10K0ZD LQW18CNR10K0ZJ

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





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LQW18CNR10K0Z#

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

References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000

Mass (typ.)	
1 piece	0.004g

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

Specifications

L size	1.6±0.15mm
W size	0.8±0.15mm
T size	0.8±0.15mm
Size code inch (mm)	0603 (1608)
Inductance	100nH±10%
Inductance Test Frequency	10MHz
Rated current (Itemp) (Based on Temperature rise)	1000mA
Max. of DC resistance	0.1Ω
Operating Temperature Range(Self-temperature rise is not included)	-40℃ to 125℃
Class of magnetic shield	Non-Shielded
Self resonance frequency (min.)	1260MHz
Brand	Murata
Series	LQW18CN_0Z

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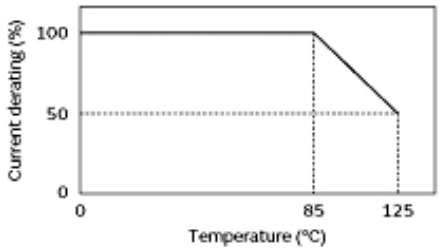
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"#"at the end indicates the package specification code.

Notice For General

In operating temperatures exceeding +85°C, derating of current is necessary for this series.
Please apply the derating curve shown in the chart according to the operating temperature.

Derating of Rated Current



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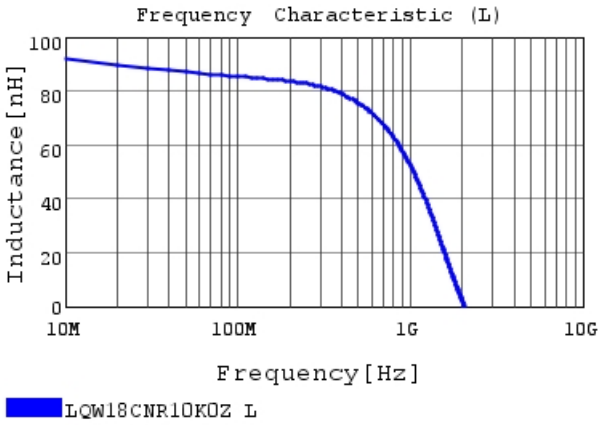
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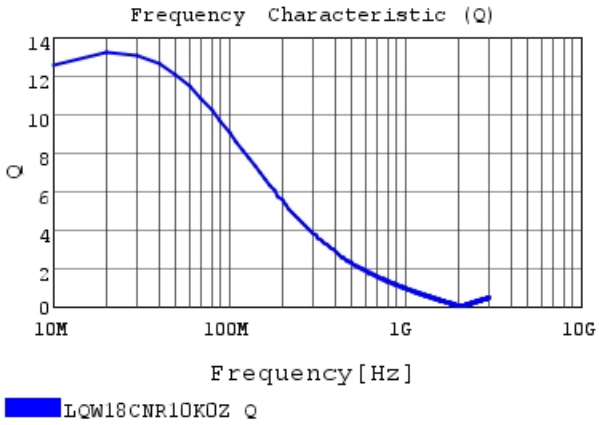
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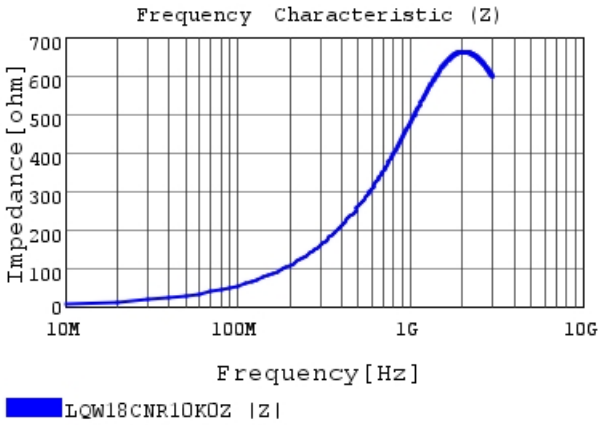
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Characteristic Data

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







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