

Product Search Data Sheet

LQW15CNR33K1Z#

Note: This datasheet may be out of date. Please download the latest datasheet of LQW15CNR33K1Z# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LQW15CNR33K1Z%23

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

For Power Choke



< List of part numbers with package codes > LQW15CNR33K1ZB LQW15CNR33K1ZD

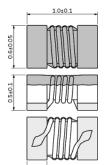
Applications

Unsuitable	Please be sure to read and comply with
Applications	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	Automotive infotainment/comfort
Applications	equipment









0.3±0.1



(in mm)

References

		Standard
Packaging	Specifications	Packing
		Quantity
В	Bulk(Bag)	500
D	180mm Paper Tape	10000

Mass (typ.)		
1 piece	0.001g	

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Attention

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without advance notice. Please check with our sales representatives or product engineers before ordering.

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





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Specifications

L size	1.0±0.1mm
W size	0.6±0.05mm
T size	0.5±0.1mm
Size code inch (mm)	0402 (1005)
Inductance	330nH±10%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	390mA
Max. of DC resistance	0.56Ω
Operating Temperature Range(Self-temperature rise is not included)	-40℃ to 125℃
Class of magnetic shield	Non-Shielded
Self resonance frequency (min.)	520MHz
Brand	Murata
Series	LQW15CN_1Z

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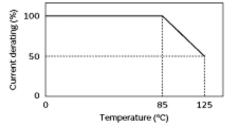
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In operating temperatures exceeding +85°C, derating of current is necessary for this series. Please apply the derating curve shown in the chart according to the operating temperature.

Derating of Rated Current



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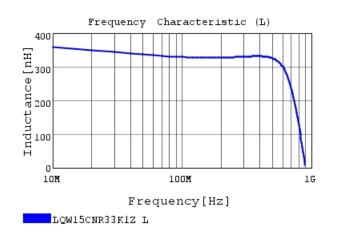
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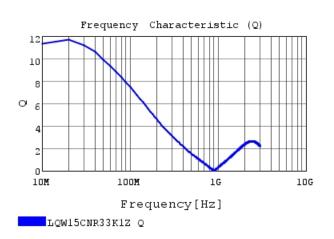
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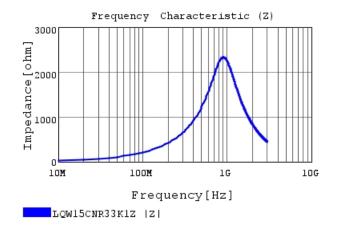
Characteristic Data

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







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