

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of LQW15CN77NJ10# from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=LQW15CN77NJ10%23

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

For RF Choke, For Power Choke











< List of part numbers with package codes > LQW15CN77NJ10B LQW15CN77NJ10D



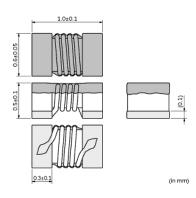
Applications

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



Appearance & Shape







References

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

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





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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	77nH±5%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	1100mA
Max. of DC resistance	0.09Ω
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Class of magnetic shield	Non-Shielded
Self resonance frequency (min.)	2000MHz
Brand	Murata
Series	LQW15CN_10

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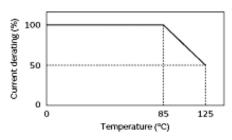


Notice For General

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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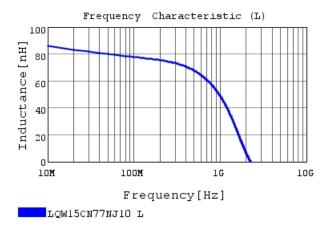
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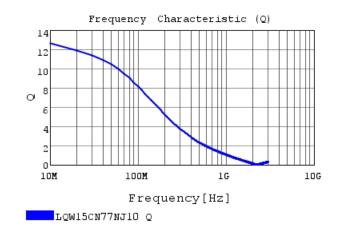
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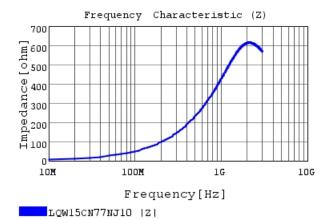


Characteristic Data

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







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