

Note: This datasheet may be out of date.

Please download the latest datasheet of LQW15AW68NG80# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LQW15AW68NG80%23

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

Size Code 1005 (0402) in mm (in inch), Wound Type















< List of part numbers with package codes > LQW15AW68NG80B LQW15AW68NG80D



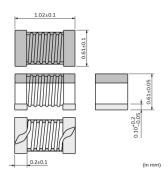
Applications

Please be sure to read and comply with		
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		
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.		
Canadianant		
Consumer equipment		



Appearance & Shape







References

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

Mass (typ.)		
1 piece	0.0012g	

1 of 4

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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	1.02±0.1mm
W size	0.61±0.1mm
T size	0.61±0.05mm
Size code inch (mm)	0402 (1005)
Inductance	68nH±2%
Inductance Test Frequency	250MHz
Rated current (Itemp) (Based on Temperature rise)	480mA
Max. of DC resistance	0.56Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 140°C
Class of magnetic shield	Non-Shielded
Q(min.)	33
Q Test Frequency	250MHz
Self resonance frequency (min.)	1.8GHz
Brand	Murata
Series	LQW15AW_80

2 of 4

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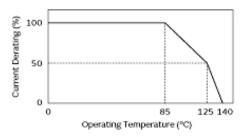
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Notice For General

In operating temperatures exceeding +85°C, derating of current is necessary for the LQW15AW_80 series. Please apply the derating curve shown in the chart according to the operating temperature.

Derating of Rated Current



3 of 4

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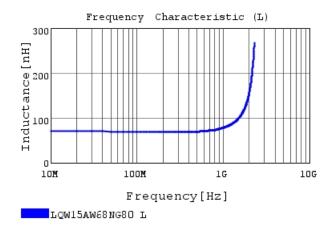
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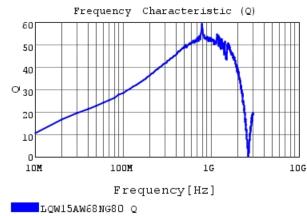
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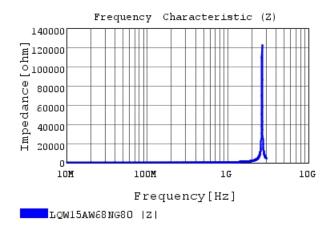


Characteristic Data

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







4 of 4

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