

Note: This datasheet may be out of date.

Please download the latest datasheet of LQW15AW56NH80# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LQW15AW56NH80%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 > LQW15AW56NH80B LQW15AW56NH80D



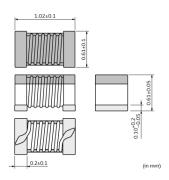
Applications

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	Company of a service manager	
Applications	Consumer equipment	



Appearance & Shape







References

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

Mass (typ.)		
1 piece	0.0012g	

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Attentior

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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	56nH±3%
Inductance Test Frequency	250MHz
Rated current (Itemp) (Based on Temperature rise)	480mA
Max. of DC resistance	0.52Ω
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.)	2.1GHz
Brand	Murata
Series	LQW15AW_80

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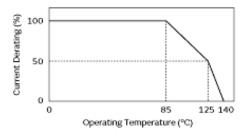
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Notice For General

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



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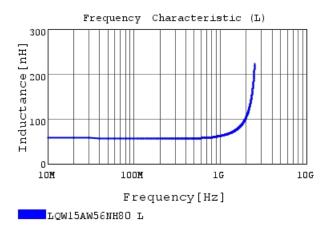
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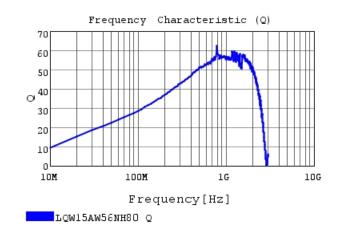
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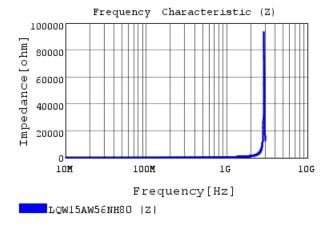


Characteristic Data

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







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