

Note: This datasheet may be out of date. Please download the latest datasheet of LQW15AWR15J80# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQW15AWR15J80%23

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

LQW15AWR15J80#

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



< List of part numbers with package codes > LQW15AWR15J80B LQW15AWR15J80D



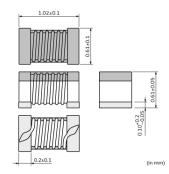
### Applications

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	Consumer equipment	



### Appearance & Shape







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

Mass (typ.)		
1 piece	0.0012g	

#### 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	1.02±0.1mm
W size	0.61±0.1mm
T size	0.61±0.05mm
Size code inch (mm)	0402 (1005)
Inductance	150nH±5%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	280mA
Max. of DC resistance	1.71Ω
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.)	1.4GHz
Brand	Murata
Series	LQW15AW_80

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Product Search Data Sheet

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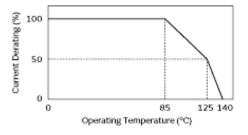


### Notice For General

LQW15AWR15J80#

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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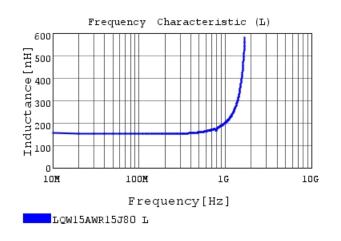
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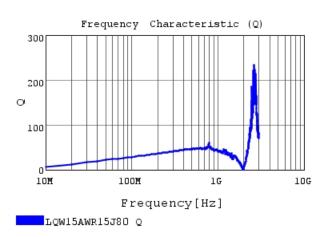
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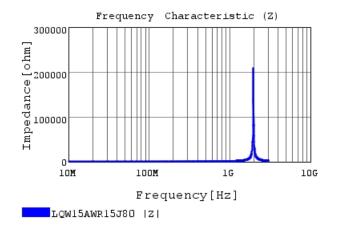
# Characteristic Data

LQW15AWR15J80#

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







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