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Please download the latest datasheet of LQW15AN17NG80# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=LQW15AN17NG80%23

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

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

LQW15AN17NG80#



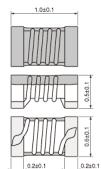
< List of part numbers with package codes > LQW15AN17NG80B LQW15AN17NG80D

## 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	O	
Applications	Consumer equipment	







		- vi	
ſ	~~~	0.1±0.0	
	0.6±0.1		

(in mm)

References

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

Mass (typ.)		
1 piece	0.0009g	

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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±0.1mm
T size	0.5±0.1mm
Size code inch (mm)	0402 (1005)
Inductance	17nH±2%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	1000mA
Max. of DC resistance	0.126Ω
Operating Temperature Range(Self-temperature rise is not included)	-55℃ to 125℃
Class of magnetic shield	Non-Shielded
Q(min.)	30
Q Test Frequency	250MHz
Self resonance frequency (min.)	5GHz
Brand	Murata
Series	LQW15AN_80

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Product Search Data Sheet



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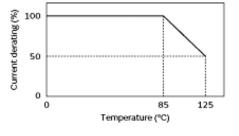
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In operating temperatures exceeding +85°C, derating of current is necessary for this series. Please apply the derating curve shown in the chart according to the operating temperature.

Derating of Rated Current



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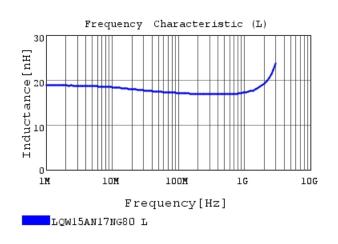
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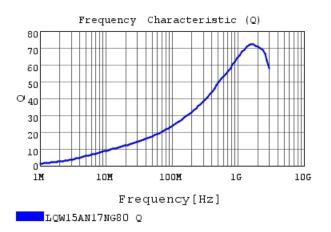
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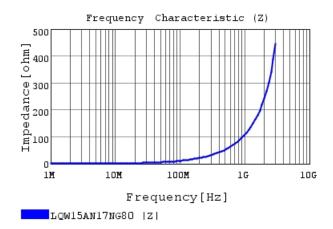
# Characteristic Data

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







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