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 $\label{eq:please} Please \ download \ the \ latest \ data sheet \ of \ LQW15AN18NJ80\# \ from \ the \ official \ website \ of \ Murata$

http://www.murata.com/en/products/productdetail?partno=LQW15AN18NJ80%23

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

LQW15AN18NJ80#

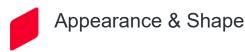
Size Code 1005 (0402) in mm (in inch), Wound Type

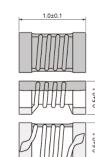


< List of part numbers with package codes > LQW15AN18NJ80B LQW15AN18NJ80D

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		
Applications	Consumer equipment	





).2±0.1

ſ	~~~	0.1±0.05
+	0.6±0.1	•

(in mm)

0.2±0.1

References

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

Mass (typ.)		
1 piece	0.0009g	

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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	18nH±5%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	1050mA
Max. of DC resistance	0.13Ω
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.)	5.2GHz
Brand	Murata
Series	LQW15AN_80

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Product Search Data Sheet



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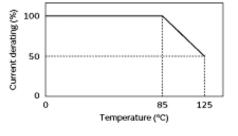
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In operating temperatures exceeding +85°C, derating of current is necessary for this series. Please apply the derating curve shown in the chart according to the operating temperature.

Derating of Rated Current



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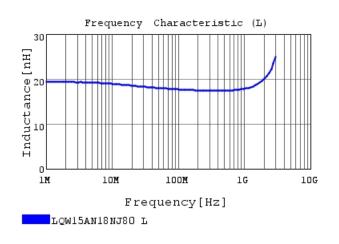
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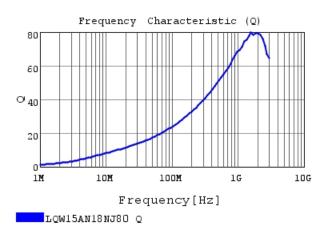
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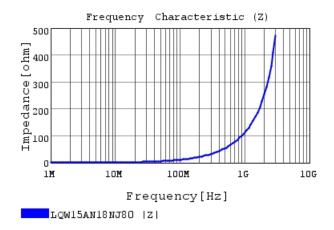
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Characteristic Data

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







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