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Please download the latest datasheet of LQW18AS16NJ0C# from the official website of Murata

http://www.murata.com/en-gb/products/productdetail?partno=LQW18AS16NJ0C%23

LQW18AS16NJ0C#

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

Air-core inductor with non-magnetic electrode material which does not disturb magnetic field in magnetic field utilized application such as MRI.

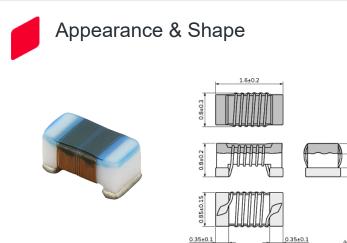


< List of part numbers with package codes > LQW18AS16NJ0CB LQW18AS16NJ0CD LQW18AS16NJ0CJ



Applications

Unsuitable	Please be sure to read and comply with		
Applications	these "Precautions for use."		
Applications Specific Applications	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.		
Recommended Applications	Consumer equipment		



1 of 4

Attention

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2. This datasheet has only typical specifications because there is no space for detailed specifications.

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(in mm)



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References

Packaging	Specifications	Standard Packing
		Quantity
В	Bulk(Bag)	500
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000

Mass (typ.)	
1 piece	0.003g

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2 of 4



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Specifications

L size	1.6±0.2mm
W size	0.8±0.3mm
T size	0.8±0.2mm
Size code inch (mm)	0603 (1608)
Inductance	16nH±5%
Inductance Test Frequency	250MHz
Rated current (Itemp) (Based on Temperature rise)	700mA
Max. of DC resistance	0.104Ω
Operating Temperature Range (Self-temperature rise is included)	-40℃ to 85℃
Class of magnetic shield	Non-Shielded
Q(min.)	34
Q Test Frequency	250MHz
Self resonance frequency (min.)	3300MHz
Brand	Murata
Series	LQW18AS_0C

3 of 4

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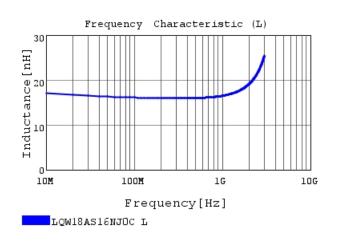
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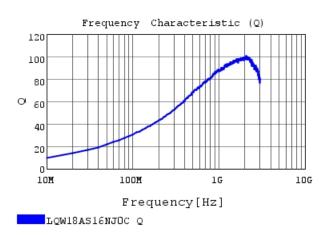
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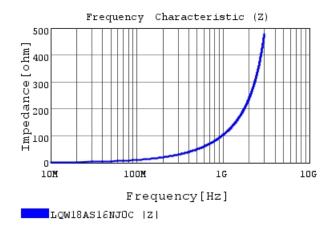
Characteristic Data

LQW18AS16NJ0C#

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







4 of 4

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