

Note: This datasheet may be out of date.

Please download the latest datasheet of LQW18ASR27J0C# from the official website of Murata Manufacturing Co., Ltd.

"#"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 >

LQW18ASR27J0CB

LQW18ASR27J0CD

LQW18ASR27J0CJ



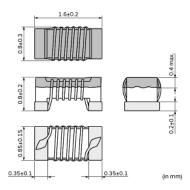
Applications

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





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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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http://www.murata.com/en-us/products/productdetail?partno=LQW18ASR27J0C%23

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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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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	270nH±5%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	130mA
Max. of DC resistance	2.5Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 85°C
Class of magnetic shield	Non-Shielded
Q(min.)	24
Q Test Frequency	100MHz
Self resonance frequency (min.)	900MHz
Brand	Murata
Series	LQW18AS_0C

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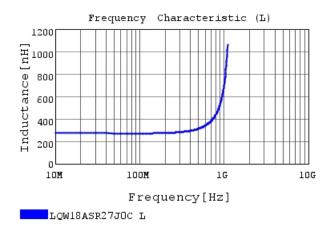
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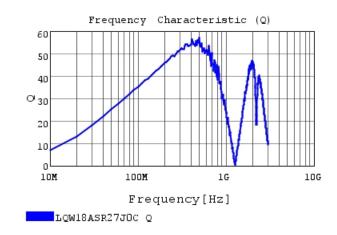
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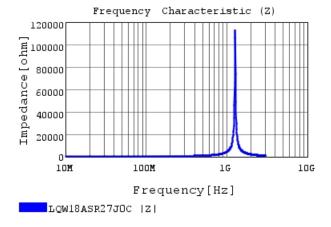


Characteristic Data

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







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