

Note: This datasheet may be out of date.

Please download the latest datasheet of LQW2UASR68F0C# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LQW2UASR68F0C%23

"#"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 > LQW2UASR68F0CB LQW2UASR68F0CL

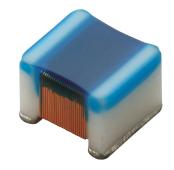


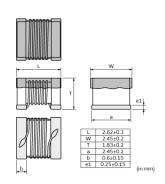
### **Applications**

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	Canadiana
Applications	Consumer equipment



### Appearance & Shape





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#### Attentior

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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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#### References

	Specifications	Standard
Packaging		Packing
		Quantity
В	Bulk(Bag)	500
L	180Embossed Tape	2000

Mass (typ.)	
1 piece	0.039g

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### **Specifications**

L size	2.62±0.3mm
W size	2.45±0.2mm
T size	1.83±0.2mm
Size code inch (mm)	1008 (2520)
Inductance	680nH±1%
Inductance Test Frequency	25MHz
Rated current (Itemp) (Based on Temperature rise)	400mA
Max. of DC resistance	1.47Ω
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Non-Shielded
Q(min.)	45
Q Test Frequency	100MHz
Self resonance frequency (min.)	375MHz
Brand	Murata
Series	LQW2UAS_0C

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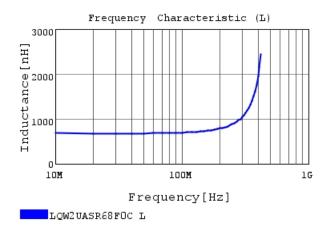
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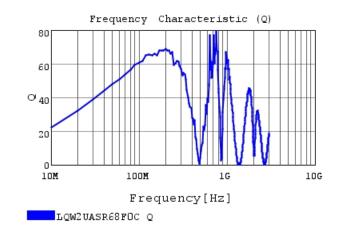
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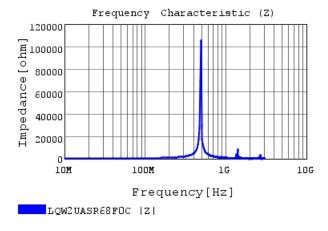


#### Characteristic Data

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







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