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

http://www.murata.com/en-gb/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

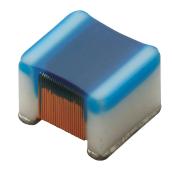


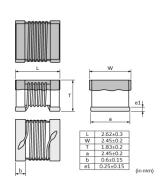
### **Applications**

Unsuitable Applications  Please be sure to read and comply with 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  Applications  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			
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Applications Consumer equipment	Recommended	Consumer equipment	
	Applications		



### Appearance & Shape





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#### References

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

Mass (typ.)		
Ţ.	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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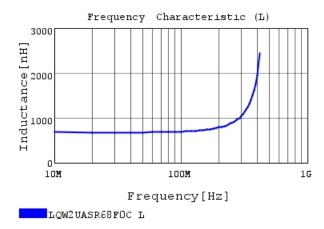
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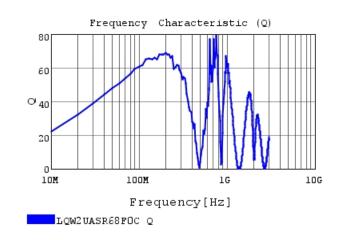
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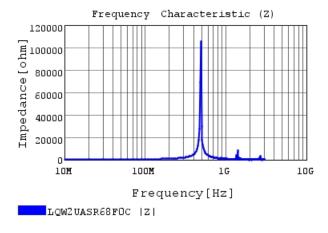


#### Characteristic Data

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







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