

Note: This datasheet may be out of date.

Please download the latest datasheet of LQW15CAR27J00# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQW15CAR27J00%23

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

0402(inch) size wound ferrite core inductor for audio line choke.













< List of part numbers with package codes > LQW15CAR27J00B LQW15CAR27J00D



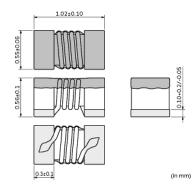
Applications

	Let 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
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	Consumer equipment	
Applications		



Appearance & Shape







Notices

Typical impedance: 1800Ω (typ) @ $900\text{MHz}/2100\Omega$ (typ) @ 1.7GHz

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





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References

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

Mass (typ.)	
1 piece	0.0012g

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Specifications

L size	1.02±0.1mm
W size	0.55±0.06mm
T size	0.56±0.1mm
Size code inch (mm)	0402 (1005)
Inductance	270nH±5%
Inductance Test Frequency	10MHz
Rated current (Itemp) (Based on Temperature rise)	480mA
Max. of DC resistance	0.38Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C
Class of magnetic shield	Non-Shielded
Self resonance frequency (min.)	1200MHz
Brand	Murata
Series	LQW15CA_00

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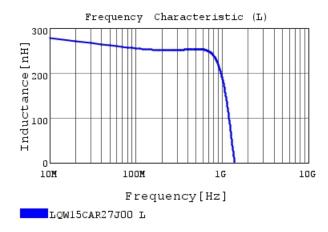
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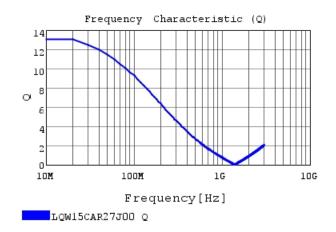
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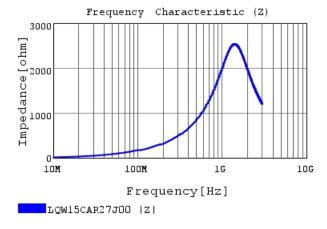


Characteristic Data

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







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