

Note: This datasheet may be out of date.

Please download the latest datasheet of LQH32CH6R8M53# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LQH32CH6R8M53%23

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

Size Code 3225 (1210) in mm (in inch), 1.7mm max. Thickness

















< List of part numbers with package codes >

LQH32CH6R8M53B

LQH32CH6R8M53K

LQH32CH6R8M53L



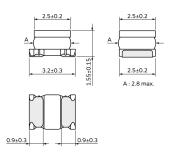
Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Consumer equipment, Automotive	
	infotainment/comfort equipment,	
	Automotive powertrain/safety equipment,	
	Medical equipment [GHTF A/B/C]	
	except for implant & surgery & auto	
	injector,Industrial 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	Automotive powertrain/safety equipment	
Applications		



Appearance & Shape





(in mm)



Notices

When rated current is applied to the products, self-temperature rise shall be limited to 20°C max and inductance will be within ±10% of initial inductance value.

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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
K	330Embossed Tape	7500
L	180Embossed Tape	2000

Mass (typ.)		
1 piece	0.045g	

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Specifications

L size	3.2±0.3mm
W size	2.5±0.2mm
T size	1.55±0.15mm
Size code inch (mm)	1210 (3225)
Inductance	6.8µH±20%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	540mA
Max. of DC resistance	0.325Ω
DC resistance	0.25Ω±30%
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Non-Shielded
Self resonance frequency (min.)	32MHz
Brand	Murata
Series	LQH32CH_53

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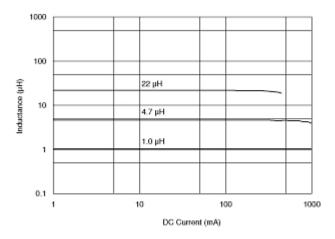
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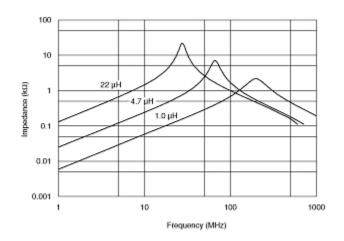
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Characteristic Data





Impedance - Current Characteristics

Impedance - Frequency Characteristics

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