

Please download the latest datasheet of 1285AS-H-R68M# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=1285AS-H-R68M%23

Note: This datasheet may be out of date.

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









(Metal)



< List of part numbers with package codes > 1285AS-H-R68M=P2



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



Notices

Rated current (Isat) is specified when the decrease of the initial inductance value at 30%. Rated current (Itemp) is specified when temperature of the inductor is raised 40°C by DC current.



References

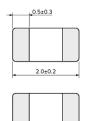
	Specifications	Standard
Packaging		Packing
		Quantity
=P2	180Embossed Tape	3000

Mass (typ.)		
	1 piece	0.015g



Appearance & Shape







(in mm)

1 of 4

Attention

- 1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 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.





Note: This datasheet may be out of date.

Please download the latest datasheet of 1285AS-H-R68M# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=1285AS-H-R68M%23

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



Specifications

L size	2.0±0.2mm
W size	1.6±0.2mm
T size	1.0mm
Size code inch (mm)	0806 (2016)
Inductance	0.68µH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	2600mA
Rated current (Itemp) (Based on Temperature rise)	2500mA
Max. of DC resistance	0.072Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 85°C
Class of magnetic shield	Shielded (Metal Alloy)
Absolute maximum voltage	20Vdc
Brand	Murata
Series	DFE201610C

2 of 4

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

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.



Note: This datasheet may be out of date.

Please download the latest datasheet of 1285AS-H-R68M# from the official website of Murata Manufacturing Co., Ltd.

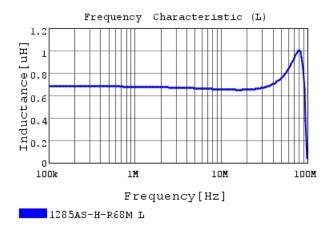
http://www.murata.com/en-gb/products/productdetail?partno=1285AS-H-R68M%23

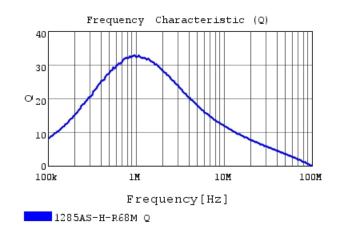
"#"at the end indicates the package specification code.

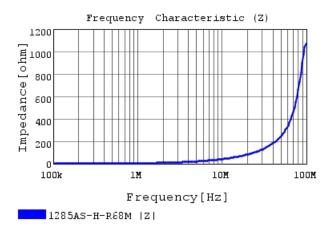


Characteristic Data

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









3 of 4

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering



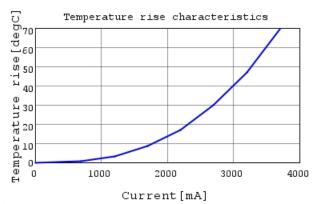


Note: This datasheet may be out of date.

Please download the latest datasheet of 1285AS-H-R68M# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=1285AS-H-R68M%23

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



1285AS-H-R68M Temp. rise

4 of 4

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

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.

