

B1047AS-2R2N#

Note: This datasheet may be out of date. Please download the latest datasheet of B1047AS-2R2N# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=B1047AS-2R2N%23

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



< List of part numbers with package codes > B1047AS-2R2N=P3



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	O
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.

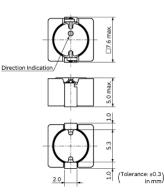


Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	1000

Mass (typ.)	
1 piece	0.975g



Appearance & Shape



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.





Note: This datasheet may be out of date. Please download the latest datasheet of B1047AS-2R2N# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=B1047AS-2R2N%23

B1047AS-2R2N#

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



Specifications

L size	7.3±0.3mm
W size	7.3±0.3mm
T size	5.0mm
Size code inch (mm)	2929 (7373)
Inductance	2.2µH±30%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	6500mA
Rated current (Itemp) (Based on Temperature rise)	5500mA
Max. of DC resistance	0.016Ω
Operating Temperature Range (Self-temperature rise is included)	-40℃ to 85℃
Class of magnetic shield	Shielded (Ferrite Core)
Brand	Murata
Series	DS75LC

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.





Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of B1047AS-2R2N# from the official website of Murata Manufacturing Co., Ltd.

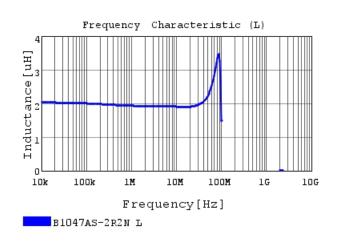
http://www.murata.com/en-gb/products/productdetail?partno=B1047AS-2R2N%23

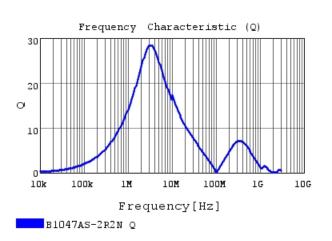
"#"at the end indicates the package specification code.

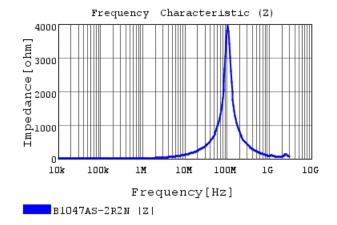
Characteristic Data

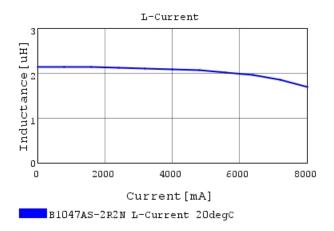
B1047AS-2R2N#

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









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.





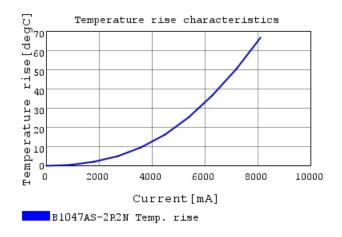
Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of B1047AS-2R2N# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=B1047AS-2R2N%23

B1047AS-2R2N#

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



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.

