

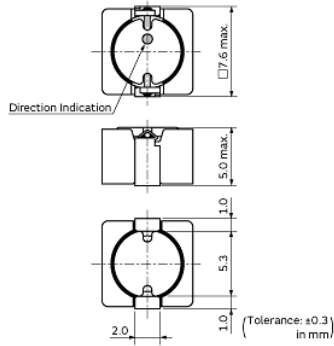
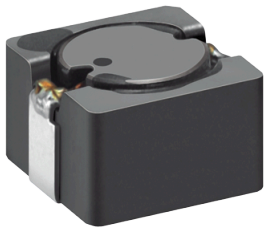
B1047AS-1R0N#

“#” indicates a package specification code.



< List of part numbers with package codes >
B1047AS-1R0N=P3

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	1000

Mass (typ.)	
1 piece	0.975g

Notices

Rated current (I_{sat}) is specified when the decrease of the initial inductance value at 30%. Rated current (I_{temp}) is specified when temperature of the inductor is raised 40°C by DC current.

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.

B1047AS-1R0N#

“#” indicates a 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	1μH±30%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	9200mA
Rated current (Itemp) (Based on Temperature rise)	6400mA
Max. of DC resistance	0.012Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 85°C
Class of magnetic shield	Ferrite Core
Brand	Murata
Series	DS75LC

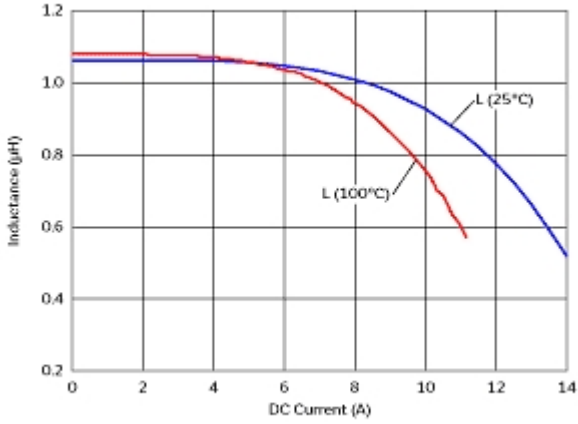
Attention

- 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.

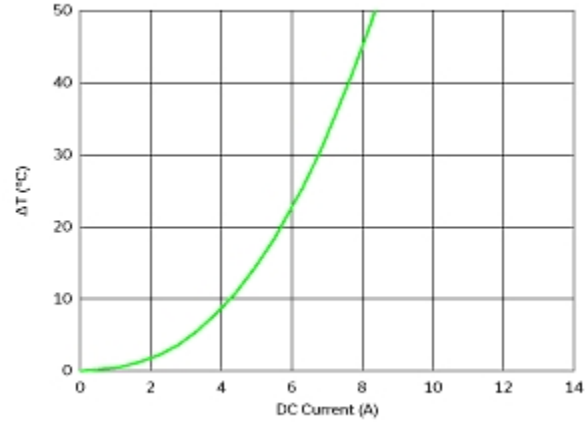
B1047AS-1R0N#

"#" indicates a package specification code.

Characteristic Data



Impedance - Current Characteristics



Temperature Increase Characteristic

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.