

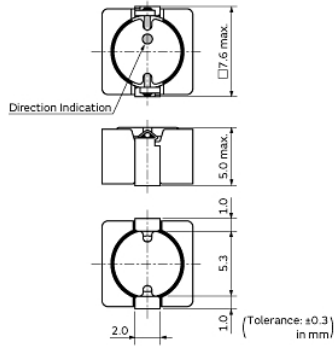
# B1047AS-270M#

“#” indicates a package specification code.



< List of part numbers with package codes >  
B1047AS-270M=P3

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	1000

Mass (typ.)	
1 piece	0.975g

## Notices

Rated current (I<sub>sat</sub>) is specified when the decrease of the initial inductance value at 30%. Rated current (I<sub>temp</sub>) is specified when temperature of the inductor is raised 40°C by DC current.

### Attention

- 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.
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## Specifications

L size	7.3±0.3mm
W size	7.3±0.3mm
T size	5.0mm
Size code inch (mm)	2929 (7373)
Inductance	27μH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	1800mA
Rated current (Itemp) (Based on Temperature rise)	1600mA
Max. of DC resistance	0.13Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 85°C
Class of magnetic shield	Ferrite Core
Brand	Murata
Series	DS75LC

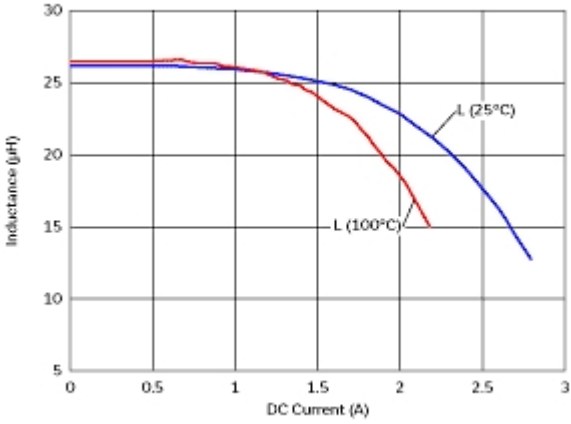
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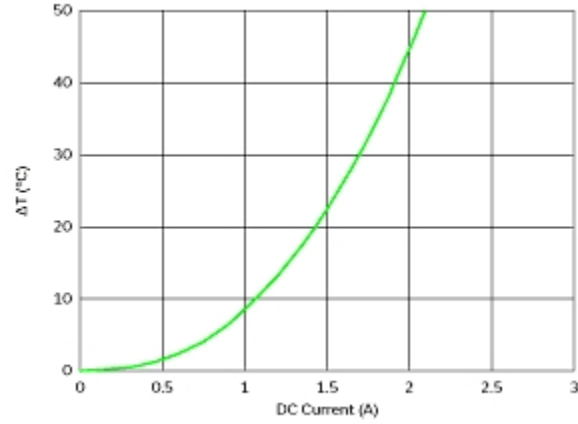
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## Characteristic Data



Impedance - Current Characteristics



Temperature Increase Characteristic

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