

#B953AS-5R6N=P3

In Production

General

RoHS

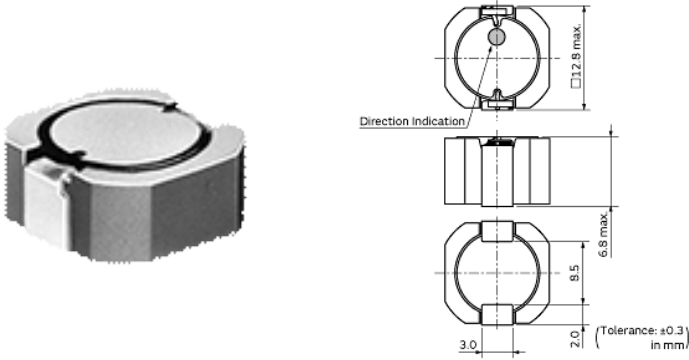
REACH

85 °C max.

Wound (Ferrite)

Reflow OK

Appearance & Shape



References

Packaging	Specifications	Minimum Order Quantity
=P3	330Embossed Tape	500

Mass (typ.)	
1 piece	3.688g

Notices

Rated current (Isat) is specified when the decrease of the initial inductance value at 10%. Rated current (Itemp) 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.

#B953AS-5R6N=P3

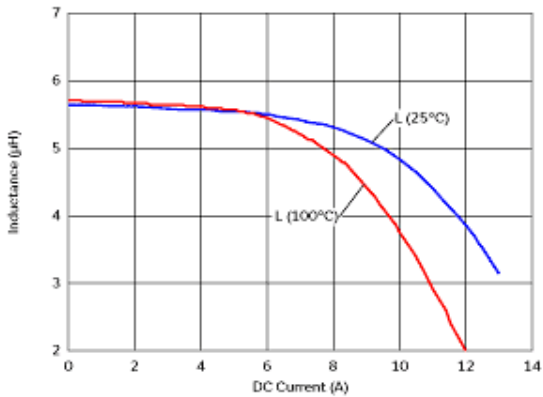
Specifications

L size	12.5±0.3mm
W size	12.5±0.3mm
T size	6.8mm
Size code inch (mm)	4949 (125125)
Inductance	5.6μH±30%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	6800mA
Rated current (Itemp) (Based on Temperature rise)	5600mA
Max. of DC resistance	0.016Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 85°C
Class of magnetic shield	Ferrite Core
Series	DS126C2

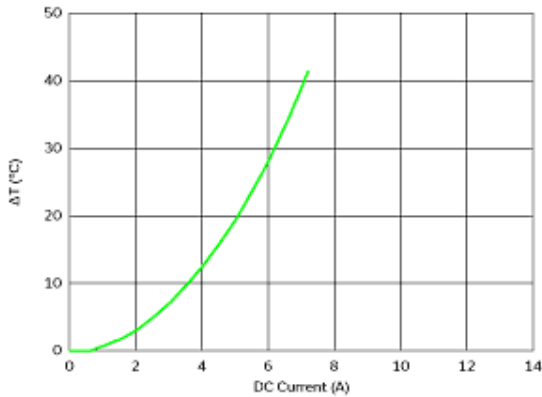
Attention
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2.This datasheet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

#B953AS-5R6N=P3

Product 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.