

Product Search Data Sheet

#B953AS-2R7N=P3

Note: This datasheet may be out of date. Please download the latest datasheet of #B953AS-2R7N=P3 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=%23B953AS-2R7N%3dP3



### 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	Consumer equipment
Applications	Consumer equipment

Appearance & Shape

# Notices

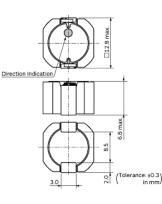
Rated current (Isat) is specified when the decrease of the initial inductance value at 10%. Rated current (Itemp) is specified when temperature of the inductor is raised 40°C by DC current.

### References

Packaging		Standard Packing Quantity
=P3	330Embossed Tape	500

Mass (typ.)	
1 piece	3.688g





1 of 3

#### Attention

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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.





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### Specifications

L size	12.5±0.3mm
W size	12.5±0.3mm
T size	6.8mm
Size code inch (mm)	4949 (125125)
Inductance	2.7µH±30%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	9000mA
Rated current (Itemp) (Based on Temperature rise)	7000mA
Max. of DC resistance	0.011Ω
Operating Temperature Range (Self-temperature rise is included)	-40℃ to 85℃
Class of magnetic shield	Shielded (Ferrite Core)
Brand	Murata
Series	DS126C2

2 of 3

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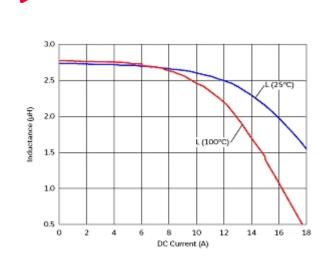
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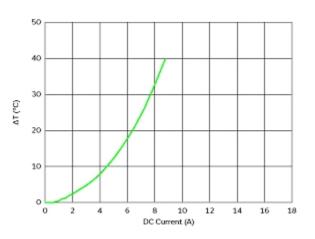
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**Characteristic Data** 





Impedance - Current Characteristics

Temperature Increase Characteristic

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3 of 3