

# #A915BY-6R8M=P3

Note: This datasheet may be out of date.

Please download the latest datasheet of #A915BY-6R8M=P3 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=%23A915BY-6R8M%3dP3













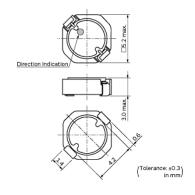
## **Applications**

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		



## Appearance & Shape







#### **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.



#### References

Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	2000

Mass (typ.)	
1 piece	0.223g

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#### Attentior

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 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$ 

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## **Specifications**

L size	5.2mm
L Size	5.2mm
W size	5.2mm
T size	3.0mm
Size code inch (mm)	2020 (5252)
Inductance	6.8µH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	990mA
Rated current (Itemp) (Based on Temperature rise)	1810mA
Max. of DC resistance	0.05Ω
DC resistance	0.042Ω+20%/-30%
Operating Temperature Range (Self-temperature rise is included)	-40°C to 85°C
Class of magnetic shield	Shielded (Ferrite Core)
Brand	Murata
Series	D53LC

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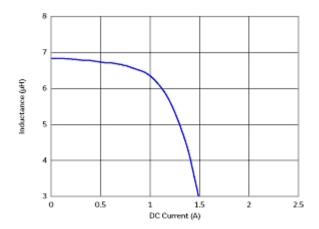
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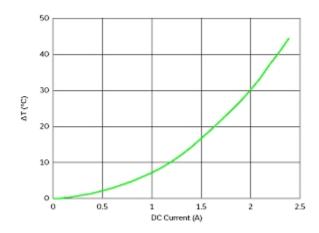
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### Characteristic Data





Impedance - Current Characteristics

Temperature Increase Characteristic

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