

Product Search Data Sheet

#A915AY-100M=P3

Note: This datasheet may be out of date. Please download the latest datasheet of #A915AY-100M=P3 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=%23A915AY-100M%3dP3

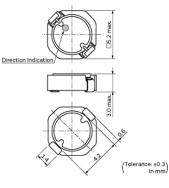


### Applications

Unsuitable ApplicationsPlease be sure to read and comply with 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 equipmentSpecificPlease refer to Our Website and 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 ApplicationsConsumer equipment		
Product of the second	Unsuitable	Please be sure to read and comply with
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Recommended Industrial equipment   Recommended Consumer equipment		Consumer equipment,Medical
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Specific transportation & facility & energy   Applications Please refer to Our Website and   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		implant & surgery & auto injector,
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Product.     Recommended   Consumer equipment		Products after confirming the
Recommended Consumer equipment		performance and reliability of the actual
Consumer equipment		Product.
Applications	Recommended	Canaumar aquinment
	Applications	

### Appearance & Shape







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.



		Standard
Packaging	Specifications	Packing
		Quantity
=P3	330Embossed Tape	2000

Mass (typ.)	
1 piece	0.223g



#### 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	5.2mm
W size	5.2mm
T size	3.0mm
Size code inch (mm)	2020 (5252)
Inductance	10µH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	1330mA
Rated current (Itemp) (Based on Temperature rise)	1410mA
Max. of DC resistance	0.09Ω
DC resistance	0.075Ω+20%/-30%
Operating Temperature Range (Self-temperature rise is included)	-40℃ to 85℃
Class of magnetic shield	Shielded (Ferrite Core)
Brand	Murata
Series	D53LC

#### 2 of 3

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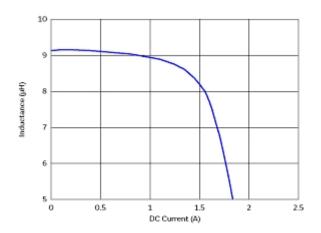


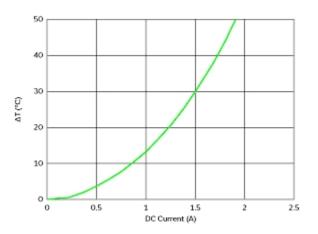
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Characteristic Data





Impedance - Current Characteristics

### Temperature Increase Characteristic

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3 of 3

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