

Product Search Data Sheet

#A915BY-220M=P3

Note: This datasheet may be out of date. Please download the latest datasheet of #A915BY-220M=P3 from the official website of Murata Manufacturing Co., Ltd.

> 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.

http://www.murata.com/en-us/products/productdetail?partno=%23A915BY-220M%3dP3

**Notices** 

References

Specifications

330Embossed Tape

0.223g

Packaging

Mass (typ.)

1 piece

=P3

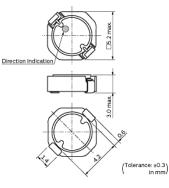


## Applications

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		
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Recommended Industrial equipment   Recommended Consumer equipment		Consumer equipment,Medical
Recommended 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.		equipment [GHTF A/B/C] except for
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,
Specific equipment   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		Industrial equipment except for
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	Applications	

### Appearance & Shape







Standard Packing

Quantity

2000

#### 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.





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## Specifications

L size	5.2mm
W size	5.2mm
T size	3.0mm
Size code inch (mm)	2020 (5252)
Inductance	22µH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	510mA
Rated current (Itemp) (Based on Temperature rise)	1120mA
Max. of DC resistance	0.135Ω
DC resistance	0.112Ω+20%/-30%
Operating Temperature Range (Self-temperature rise is included)	-40℃ to 85℃
Class of magnetic shield	Shielded (Ferrite Core)
Brand	Murata
Series	D53LC

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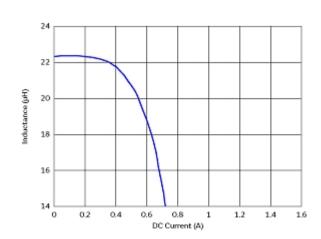
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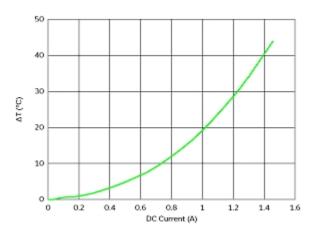
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Characteristic Data





Impedance - Current Characteristics

### Temperature Increase Characteristic

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