

Product Search Data Sheet

#B953AS-120M=P3

Note: This datasheet may be out of date. Please download the latest datasheet of #B953AS-120M=P3 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=%23B953AS-120M%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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Recommended Consumer equipment		performance and reliability of the actual
Consumer equipment		Product.
Applications	Recommended	Canaumar aquinment
	Applications	

Appearance & Shape



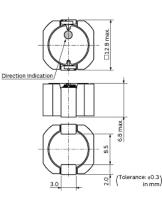
Rated current (Isat) is specified when the decrease of the initial inductance value at 10%. Rated current (Itemp) is specified when temperature of the inductor is raised 40°C by DC current.



Packaging	Specifications	Standard Packing
5 5		Quantity
=P3	330Embossed Tape	500

Mass (typ.)	
1 piece	3.688g





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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	12µH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	5000mA
Rated current (Itemp) (Based on Temperature rise)	4000mA
Max. of DC resistance	0.027Ω
Operating Temperature Range (Self-temperature rise is included)	-40℃ to 85℃
Class of magnetic shield	Shielded (Ferrite Core)
Brand	Murata
Series	DS126C2

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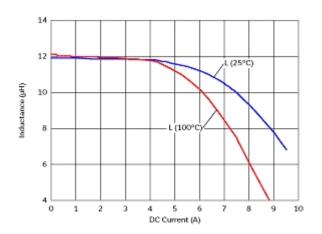
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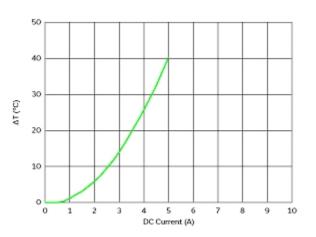
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Characteristic Data





Impedance - Current Characteristics

Temperature Increase Characteristic

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