

Product Search Data Sheet

#B953AS-270M=P3

Note: This datasheet may be out of date. Please download the latest datasheet of #B953AS-270M=P3 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=%23B953AS-270M%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		
equipment [GHTF A/B/C] except for   implant & surgery & auto injector,   Industrial equipment except for   transportation & facility & energy   equipment   Please refer to Our Website and   specifications   Applications   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	these "Precautions for use."		
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,		
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	Applications			

Appearance & Shape



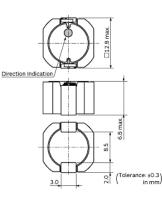
### Rated current (Isat) is specified when the decrease of the initial inductance value at 10%. Rated current (Itemp) is specified when temperature of the inductor is raised 40°C by DC current.



Packag	ging	Specifications	Standard Packing
			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	27µH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	3200mA
Rated current (Itemp) (Based on Temperature rise)	2800mA
Max. of DC resistance	0.05Ω
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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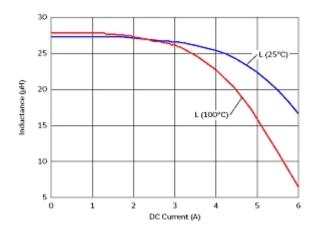
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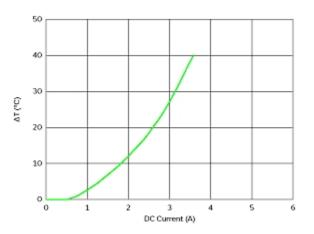
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Impedance - Current Characteristics

Temperature Increase Characteristic

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