Note: This datasheet may be out of date.
Please download the latest datasheet of #B953AS-221M=P3 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=%23B953AS-221M%3dP3

#B953AS-221M=P3

In Production | RoHS | REACH | 85 °C max. | Wound (Ferrite) | Reflow OK

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Medical 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, 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 Applications	Consumer equipment

Notices

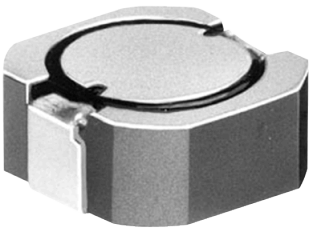
Rated current (Isat) is specified when the decrease of the initial inductance value at 10%. Rated current (Itemp) is specified when temperature of the inductor is raised 40°C by DC current.

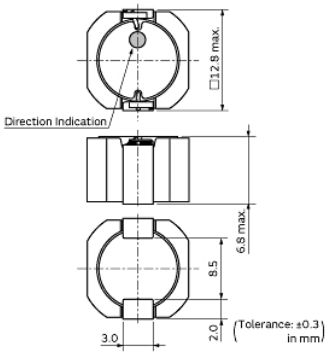
References

Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	500

Mass (typ.)	
1 piece	3.688g

Appearance & Shape





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.

Note: This datasheet may be out of date.
Please download the latest datasheet of #B953AS-221M=P3 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=%23B953AS-221M%3dP3

#B953AS-221M=P3

Specifications

L size	12.5±0.3mm
W size	12.5±0.3mm
T size	6.8mm
Size code inch (mm)	4949 (125125)
Inductance	220μH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	1000mA
Rated current (Itemp) (Based on Temperature rise)	1000mA
Max. of DC resistance	0.35Ω
Operating Temperature Range (Self-temperature rise is included)	-40℃ to 85℃
Class of magnetic shield	Shielded （Ferrite Core）
Brand	Murata
Series	DS126C2

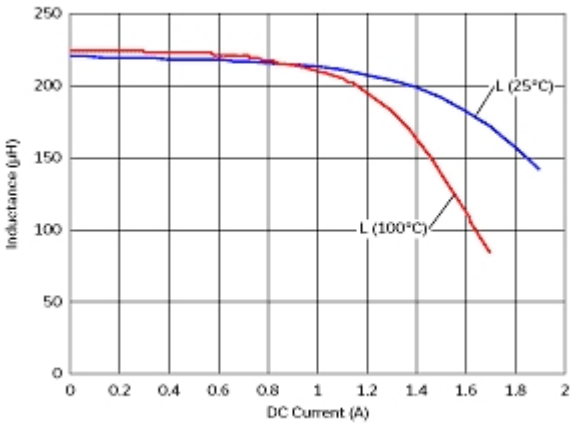
Attention
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2.This datasheet 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.

Note: This datasheet may be out of date.
Please download the latest datasheet of #B953AS-221M=P3 from the official website of Murata Manufacturing Co., Ltd.

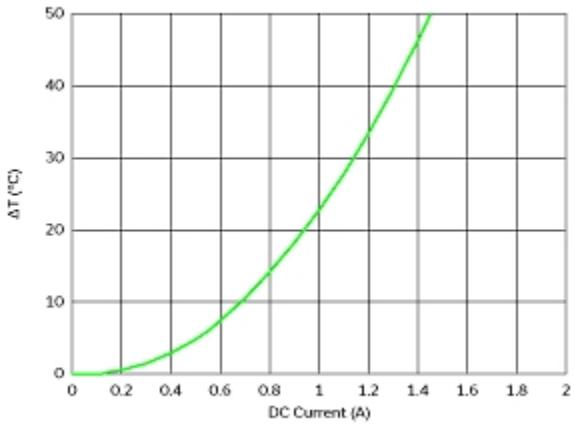
http://www.murata.com/en/products/productdetail?partno=%23B953AS-221M%3dP3

#B953AS-221M=P3

Characteristic Data



Impedance - Current Characteristics



Temperature Increase Characteristic

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.