

#A914BYW-100M=P3

Note: This datasheet may be out of date.

Please download the latest datasheet of #A914BYW-100M=P3 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=%23A914BYW-100M%3dP3









(Ferrite)





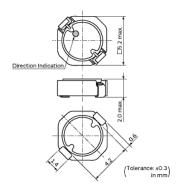
Applications

Unsuitable	Please be sure to read and comply with	
Applications	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	Concumer equipment	
Applications	Consumer equipment	



Appearance & Shape







Notices

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.



References

Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	2000

Mass (typ.)	
1 piece	0.138g

1 of 3

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.

 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$

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Note: This datasheet may be out of date.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 #A914BYW-100M=P3 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=%23A914BYW-100M%3dP3

#A914BYW-100M=P3



Specifications

	5.0
L size	5.2mm
W size	5.2mm
T size	2.0mm
Size code inch (mm)	2020 (5252)
Inductance	10μH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	760mA
Rated current (Itemp)	
(Based on Temperature rise)	930mA
Max. of DC resistance	0.15Ω
Operating Temperature	1005 1 0705
Range (Self-temperature rise is included)	-40°C to 85°C
,	Shielded (Ferrite Core)
Class of magnetic shield	Shielded (Ferrite Core)
Brand	Murata
Series	D52LC

2 of 3

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.



Product Search Data Sheet

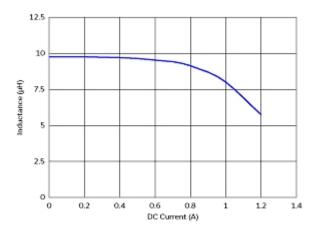
Note: This datasheet may be out of date. Please download the latest datasheet of #A914BYW-100M=P3 from the official website of Murata Manufacturing Co., Ltd.

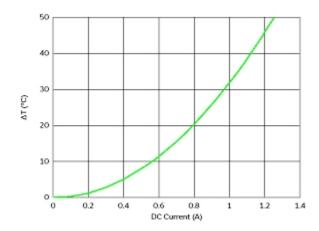
http://www.murata.com/en-us/products/productdetail?partno=%23A914BYW-100M%3dP3

#A914BYW-100M=P3



Characteristic Data





Impedance - Current Characteristics

Temperature Increase Characteristic

3 of 3

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.

