

Product Search Data Sheet

#A915BY-4R7M=P3

Note: This datasheet may be out of date. Please download the latest datasheet of #A915BY-4R7M=P3 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=%23A915BY-4R7M%3dP3

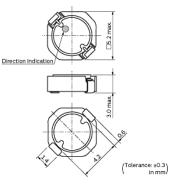


Applications

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,
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
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. Recommended Consumer equipment		transportation & facility & energy
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. Recommended Consumer equipment		equipment
Recommended Consumer equipment	Specific	Please refer to Our Website and
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	specifications, etc. for information about
the above applications, and use Products after confirming the performance and reliability of the actual Product. Recommended Consumer equipment		the performance, functions, quality,
Products after confirming the performance and reliability of the actual Product. Recommended Consumer equipment		management, and safety required for
performance and reliability of the actual Product. Recommended Consumer equipment		the above applications, and use
Product. Recommended Consumer equipment		Products after confirming the
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 30%. Rated current (Itemp) is specified when temperature of the inductor is raised 40°C by DC current.



Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	2000

Mass (typ.)	
1 piece	0.223g



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.





#A915BY-4R7M=P3

Note: This datasheet may be out of date. Please download the latest datasheet of #A915BY-4R7M=P3 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=%23A915BY-4R7M%3dP3

Specifications

L size	5.2mm
W size	5.2mm
T size	3.0mm
Size code inch (mm)	2020 (5252)
Inductance	4.7µH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	1130mA
Rated current (Itemp) (Based on Temperature rise)	2180mA
Max. of DC resistance	0.035Ω
DC resistance	0.029Ω+20%/-30%
Operating Temperature Range (Self-temperature rise is included)	-40℃ to 85℃
Class of magnetic shield	Shielded (Ferrite Core)
Brand	Murata
Series	D53LC

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.



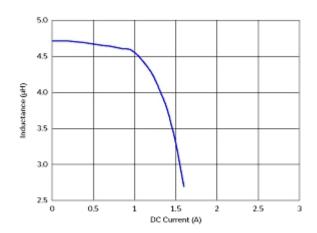
Product Search Data Sheet

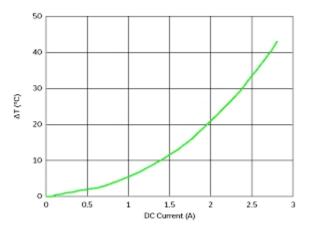
#A915BY-4R7M=P3

Note: This datasheet may be out of date. Please download the latest datasheet of #A915BY-4R7M=P3 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=%23A915BY-4R7M%3dP3

Characteristic Data





Impedance - Current Characteristics

Temperature Increase Characteristic

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.



3 of 3