

Product Search Data Sheet

NTSD1XR502FPB50

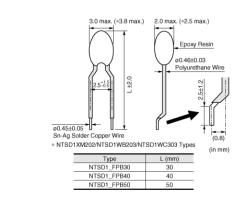
REACH

Discontinued RoHS

Applications

	Unsuitable	Please be sure to read and comply with	
	Applications	these "Precautions for use."	
	Specific Applications	Industrial 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.	

Appearance & Shape



Note: This datasheet may be out of date. Please download the latest datasheet of NTSD1XR502FPB50 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=NTSD1XR502FPB50

Packaging Information

Packaging		Standard Packing Quantity
-	Bulk(Bag)	200



1. Electric insulation on lead wire

2. Excellent bending resistance due to suitable hardness of surface coating

3. Easy handling due to most suitable hardness of surface of coating

4. +/-1% of resistance and B-Constant tolerance is realized due to uniform thickness by the precise sheet forming method.

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 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





NTSD1XR502FPB50

Note: This datasheet may be out of date. Please download the latest datasheet of NTSD1XR502FPB50 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=NTSD1XR502FPB50

Specifications

Resistance (25°C)	5kΩ
Resistance Value Tolerance (at 25°C)	±1%
B-Constant (25/50°C)	3700K
B-Constant (25/50°C) Tolerance	±1%
B-Constant(25/80°C) (Reference Value)	3727К
B-Constant(25/85°C) (Reference Value)	3738K
B-Constant(25/100°C) (Reference Value)	3760K
Maximum Operating Current (25°C)	0.17mA
Rated Electric Power (25°C)	15.0mW
Typical Dissipation Constant (25℃)	1.5mW/°C
Operating Temperature Range	-40°C to 125°C
Thermal Time Constant	7s
Lead Shape	Insulation type
Shape	Lead
Mass	0.16g
MSL	Ν

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.





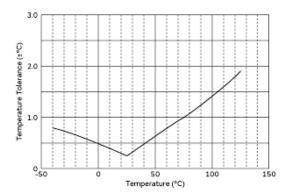


Note: This datasheet may be out of date. Please download the latest datasheet of NTSD1XR502FPB50 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=NTSD1XR502FPB50

NTSD1XR502FPB50





Temperature Tolenrance-Temperature Characteristics

3 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.

