

Product Search Data Sheet

NTSD0WD503FE1B0

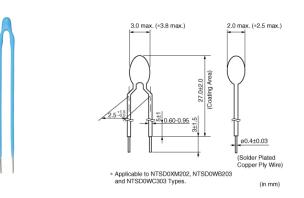
Discontinued RoHS

RoHS REACH

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

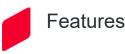


Note: This datasheet may be out of date. Please download the latest datasheet of NTSD0WD503FE1B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NTSD0WD503FE1B0

Packaging Information

Packaging	Specifications	Standard Packing Quantity
В0	Bulk(Bag)	500



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.





NTSD0WD503FE1B0

Note: This datasheet may be out of date. Please download the latest datasheet of NTSD0WD503FE1B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NTSD0WD503FE1B0

Specifications

Resistance (25°C)	50kΩ
Resistance Value Tolerance (at 25°C)	±1%
B-Constant (25/50°C)	4150K
B-Constant (25/50°C) Tolerance	±1%
B-Constant(25/80°C) (Reference Value)	4205K
B-Constant(25/85°C) (Reference Value)	4213K
B-Constant(25/100°C) (Reference Value)	4234K
Maximum Operating Current (25℃)	0.05mA
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	0.13g
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.







Manufacturing Co., Ltd.

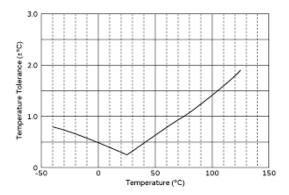
S http://www.murata.com/en/products/productdetail?partno=NTSD0WD503FE1B0

Note: This datasheet may be out of date.

Please download the latest datasheet of NTSD0WD503FE1B0 from the official website of Murata

NTSD0WD503FE1B0





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.

