

Product Search Data Sheet

## NTSD1WD503FPB30

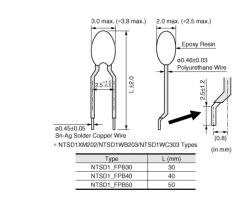
Discontinued RoHS

HS REACH

### Applications

| Unsuitable               | Please be sure to read and comply with     |
|--------------------------|--|
| Applications             | these "Precautions for use."               |
| Specific<br>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Note: This datasheet may be out of date.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 NTSD1WD503FPB30 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=NTSD1WD503FPB30

### Packaging Information

| Packaging | Specifications | Standard<br>Packing<br>Quantity |
|-----------|----------------|---------------------------------|
| -         | 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





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### Specifications

| Resistance (25°C)                         | 50kΩ            |
|---|-----------------|
| Resistance Value Tolerance<br>(at 25°C)   | ±1%             |
| B-Constant (25/50°C)                      | 4150K           |
| B-Constant (25/50°C)<br>Tolerance         | ±1%             |
| B-Constant(25/80°C)<br>(Reference Value)  | 4205K           |
| B-Constant(25/85°C)<br>(Reference Value)  | 4213K           |
| B-Constant(25/100°C)<br>(Reference Value) | 4234K           |
| Maximum Operating Current<br>(25°C)       | 0.05mA          |
| Rated Electric Power (25°C)               | 15.0mW          |
| Typical Dissipation Constant<br>(25℃)     | 1.5mW/°C        |
| Operating Temperature<br>Range            | -40°C to 125°C  |
| Thermal Time Constant                     | 7s              |
| Lead Shape                                | Insulation type |
| Shape                                     | Lead            |
| Mass                                      | 0.1g            |
| MSL                                       | Ν               |

2 of 3

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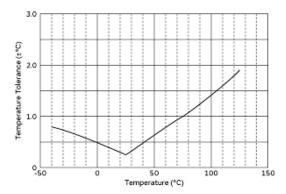


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Temperature Tolenrance-Temperature Characteristics

3 of 3

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