

### Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of NTSD1WF104FPB50 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NTSD1WF104FPB50

# NTSD1WF104FPB50









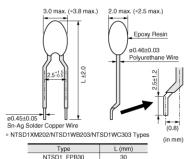
## **Applications**

| 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





| Type        | L (mm) |
|-------------|--------|
| NTSD1_FPB30 | 30     |
| NTSD1_FPB40 | 40     |
| NTSD1 FPB50 | 50     |



## Packaging Information

| Packaging | Specifications | Standard<br>Packing<br>Quantity |
|-----------|----------------|---------------------------------|
| -         | Bulk(Bag)      | 200                             |



### **Features**

- 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.

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# **Specifications**

|   | 1               |
|---|-----------------|
| Resistance (25°C)                         | 100kΩ           |
| Resistance Value Tolerance (at 25°C)      | ±1%             |
| B-Constant (25/50°C)                      | 4250K           |
| B-Constant (25/50°C)<br>Tolerance         | ±1%             |
| B-Constant(25/80°C)<br>(Reference Value)  | 4303K           |
| B-Constant(25/85°C)<br>(Reference Value)  | 4311K           |
| B-Constant(25/100°C)<br>(Reference Value) | 4334K           |
| Maximum Operating Current (25°C)          | 0.04mA          |
| Rated Electric Power (25°C)               | 15.0mW          |
| Typical Dissipation Constant (25°C)       | 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                                       | N               |

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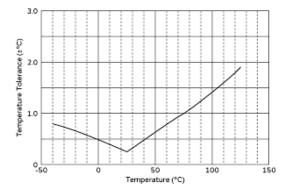
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## **Product Data**



Temperature Tolenrance-Temperature Characteristics

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