

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of NTSD1WD503FPB50 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=NTSD1WD503FPB50

NTSD1WD503FPB50









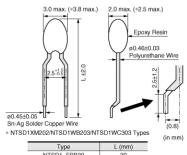
Applications

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



Appearance & Shape





,,,		
Type	L (mm)	
NTSD1_FPB30	30	
NTSD1_FPB40	40	
NTSD1_FPB50	50	



Packaging Information

Packaging	Specifications	Standard Packing 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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 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$

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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°C)	0.05mA
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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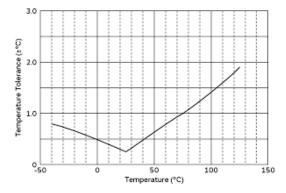
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Temperature Tolenrance-Temperature Characteristics

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