muRata
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

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Please download the latest datasheet of NTSA0WD503EE1B0 from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=NTSA0WD503EE1B0

NTSA0WD503EE1B0
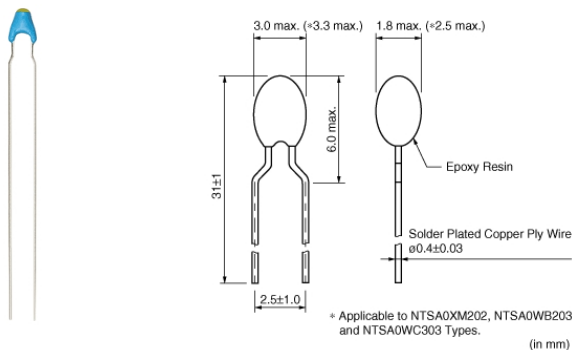
Discontinued RoHS REACH

Applications

Unsuitable Applications	Please be sure to read and comply with 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

3.0 max. (*3.3 max.)   1.8 max. (*2.5 max.)
6.0 max.
31±1
Epoxy Resin
Solder Plated Copper Ply Wire ø0.4±0.03
2.5±1.0
* Applicable to NTSA0XM202, NTSA0WB203 and NTSA0WC303 Types.
(in mm)

Packaging Information

Packaging	Specifications	Standard Packing Quantity
B0	Bulk(Bag)	500

Features

1. +/-1% of resistance and B-Constant tolerance is realized due to uniform thickness by the precise sheet forming method.
2. This product provides faster response time due to its smaller size.
3. Taping type is available.
4. Original lead-wiring technique assures reliable connection. It can be formed and bent flexibly according to the mounting conditions.

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Specifications

Resistance (25℃)	50kΩ
Resistance Value Tolerance (at 25℃)	±3%
B-Constant (25/50℃)	4150K
B-Constant (25/50℃) Tolerance	±1%
B-Constant(25/80℃) (Reference Value)	4205K
B-Constant(25/85℃) (Reference Value)	4213K
B-Constant(25/100℃) (Reference Value)	4234K
Maximum Operating Current (25℃)	0.05mA
Rated Electric Power (25℃)	15.0mW
Typical Dissipation Constant (25℃)	1.5mW/℃
Operating Temperature Range	-40℃ to 125℃
Thermal Time Constant	7s
Lead Shape	Lead Wire type
Shape	Lead
Mass	0.08g
MSL	N

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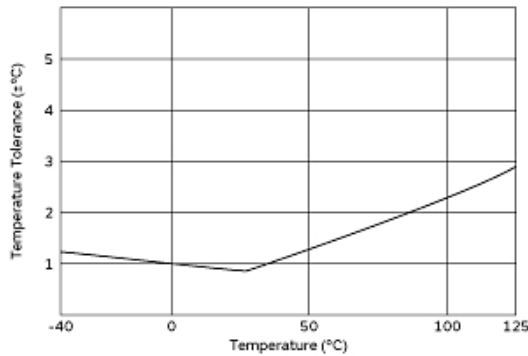
Temperature Tolenrance-Temperature Characteristics

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