

# NTSA0WD503EN6A0

Discontinued

RoHS

REACH

## Applications

|                         |                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use."                                                                                                                                                                                                                          |
| Specific Applications   | Industrial Equipment<br>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



## Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|-----------|----------------|---------------------------|
| A0        | Ammo Pack      | 3000                      |

## 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.

### 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 (at 25°C)   | ±3%            |
| 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                             | Lead Wire type |
| Shape                                  | Lead           |
| Mass                                   | 0.2g           |
| MSL                                    | N              |

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## Product Data



### Temperature Tolerance-Temperature Characteristics

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