

Product Search Data Sheet

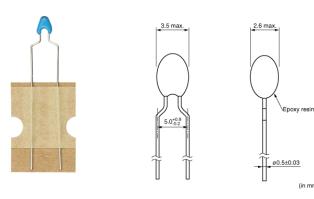
## NTSA0XV103FN6A0

Discontinued RoHS 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Note: This datasheet may be out of date.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 NTSA0XV103FN6A0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NTSA0XV103FN6A0

## Packaging Information

| Packaging | Specifications | Standard<br>Packing<br>Quantity |
|-----------|----------------|---------------------------------|
| A0        | Ammo Pack      | 3000                            |



1. +/-1% of resistance and +/-0.5% of B-Constant is realized due to technical advantages of the material and manufacturing process. 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.

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

(in mm)

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)                         | 10kΩ           |
|---|----------------|
| Resistance Value Tolerance<br>(at 25°C)   | ±1%            |
| B-Constant (25/50°C)                      | 3900K          |
| B-Constant (25/50°C)<br>Tolerance         | ±0.5%          |
| B-Constant(25/80°C)<br>(Reference Value)  | 3930K          |
| B-Constant(25/85°C)<br>(Reference Value)  | 3934K          |
| B-Constant(25/100°C)<br>(Reference Value) | 3944K          |
| Maximum Operating Current<br>(25°C)       | 0.12mA         |
| Rated Electric Power (25°C)               | 15.0mW         |
| Typical Dissipation Constant<br>(25°C)    | 1.5mW/°C       |
| Operating Temperature<br>Range            | -40°C to 125°C |
| Thermal Time Constant                     | 7s             |
| Lead Shape                                | Lead Wire type |
| Shape                                     | Lead           |
| Mass                                      | 0.2g           |
| MSL                                       | Ν              |

2 of 3

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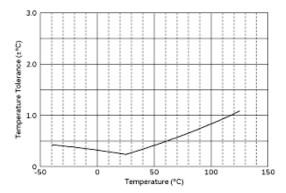


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Temperature Tolenrance-Temperature Characteristics

3 of 3

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