Note: This datasheet may be out of date. Please download the latest datasheet of NTSA0XV103FE1B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=NTSA0XV103FE1B0

## NTSA0XV103FE1B0









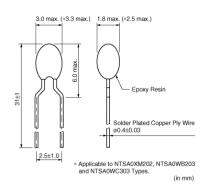
## **Applications**

| 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







## Packaging Information

| Packaging | Specifications | Standard<br>Packing<br>Quantity |
|-----------|----------------|---------------------------------|
| В0        | Bulk(Bag)      | 500                             |



### **Features**

- 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
- 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

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- 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





## Product Search Data Sheet

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# NTSA0XV103FE1B0



## **Specifications**

| Resistance (25°C)                         | 10kΩ           |
|---|----------------|
| Resistance Value Tolerance (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 (25°C)          | 0.12mA         |
| Rated Electric Power (25°C)               | 15.0mW         |
| Typical Dissipation Constant (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                                      | 0.08g          |
| MSL                                       | N              |

2 of 3

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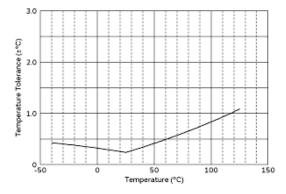
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Temperature Tolenrance-Temperature Characteristics

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