

#### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of NTSA0XH103EE1B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=NTSA0XH103EE1B0

### NTSA0XH103EE1B0









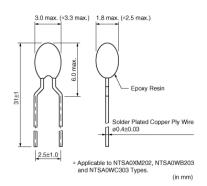
### **Applications**

| 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 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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#### 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.
- $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$

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## NTSA0XH103EE1B0



### **Specifications**

| Resistance (25°C)                         | 10kΩ           |
|-------------------------------------------|----------------|
| Resistance Value Tolerance (at 25°C)      | ±3%            |
| B-Constant (25/50°C)                      | 3380K          |
| B-Constant (25/50°C)<br>Tolerance         | ±0.5%          |
| B-Constant(25/80°C)<br>(Reference Value)  | 3428K          |
| B-Constant(25/85°C)<br>(Reference Value)  | 3434K          |
| B-Constant(25/100°C)<br>(Reference Value) | 3455K          |
| 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              |

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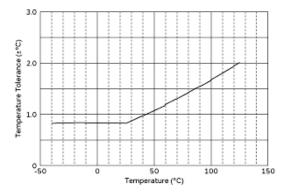
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# Product Data



Temperature Tolenrance-Temperature Characteristics

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