

# NXRT15WF104FA5B025

To be discontinued

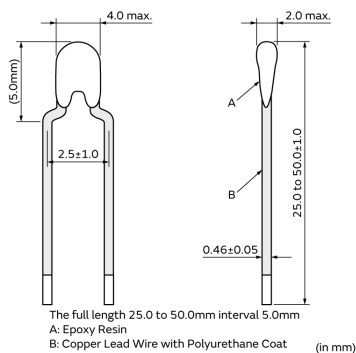
RoHS

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 |
|-----------|----------------|---------------------------|
| B         | Bulk(Bag)      | 500                       |

## Features

1. NXR series can accurately detect temperature with NCP15 series on the head of parts.
2. The insulation coat with polyurethane on the surface of lead wire : 100VDC.
3. You can choose NTC characteristics from NCP15 series.
4. The resistance drift is small in the reliability test.
5. The production capacity is bigger and NXR is produced in almost all automation line.
6. Adopt to Sb regulation
7. UL/cULcertified product. (UL1434, File No. E137188)

### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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

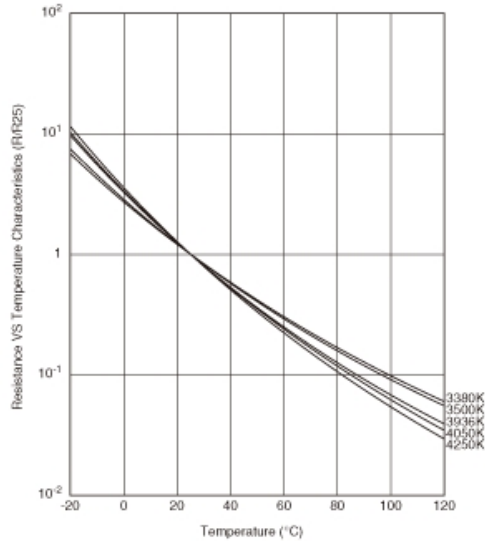
|                                        |                 |
|----------------------------------------|-----------------|
| Resistance (25°C)                      | 100kΩ           |
| Resistance Value Tolerance (at 25°C)   | ±1%             |
| B-Constant (25/50°C)                   | 4250K           |
| B-Constant (25/50°C) Tolerance         | ±1%             |
| B-Constant(25/80°C) (Reference Value)  | 4303K           |
| B-Constant(25/85°C) (Reference Value)  | 4311K           |
| B-Constant(25/100°C) (Reference Value) | 4334K           |
| Maximum Operating Current (25°C)       | 0.05mA          |
| Rated Electric Power (25°C)            | 13.0mW          |
| Typical Dissipation Constant (25°C)    | 2.6mW/°C        |
| Operating Temperature Range            | -40°C to 125°C  |
| Thermal Time Constant                  | 4s              |
| Lead Shape                             | Insulation type |
| Size Code (in mm)                      | 025 = 25mm      |
| Size Code (in inch)                    | 025 = 25mm      |
| Shape                                  | Lead            |
| Mass                                   | 0.085g          |
| MSL                                    | N               |

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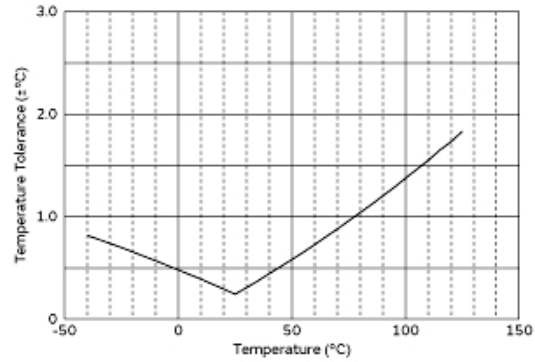
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## Product Data



Resistance-Temperature Characteristics



Temperature Tolerance VS. Temp.

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