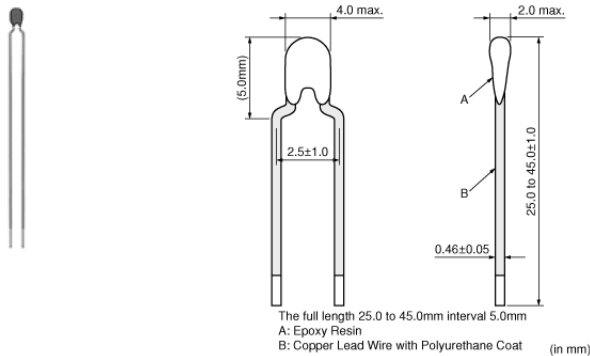


NXRT15XV103FA5B_____

In Production Recommended RoHS REACH

Appearance & Shape



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

Applications

Limited Usage	Consumer Grade
Other Usage	<ol style="list-style-type: none"> 1. Secondary battery 2. Temperature detection for charging 3. Temperature detection for DC fan motor 4. Temperature sensing for appliance 5. Selfstanding temperature sensing for fire detector

Packaging Information

Packaging	Specifications	Minimum Order Quantity
B	Bulk(Bag)	500

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.

NXRT15XV103FA5B_____



Specifications

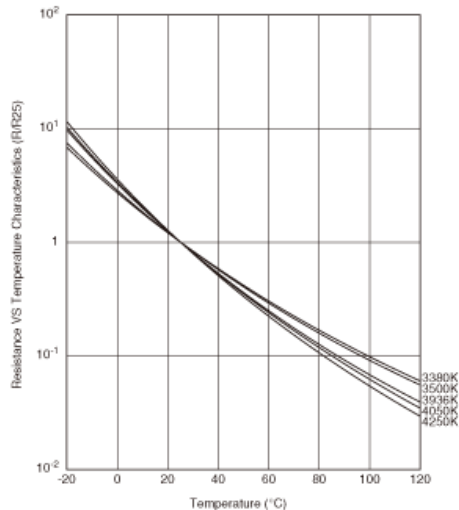
Resistance (25°C)	10kΩ
Resistance Value Tolerance (at 25°C)	±1%
B-Constant (25/50°C)	3936K
B-Constant (25/50°C) Tolerance	±1%
B-Constant(25/80°C)(Reference Value)	3971K
B-Constant(25/85°C)(Reference Value)	3977K
B-Constant(25/100°C)(Reference Value)	3988K
Maximum Operating Current (25°C)	0.16mA
Rated Electric Power (25°C)	13.0mW
Typical Dissipation Constant (25°C)	2.6mW/°C
Thermal Time Constant	4s
Operating Temperature Range	-40°C to 125°C
Lead Shape	Insulation type
Shape	Lead
Mass	0.09g to 0.15g

Attention

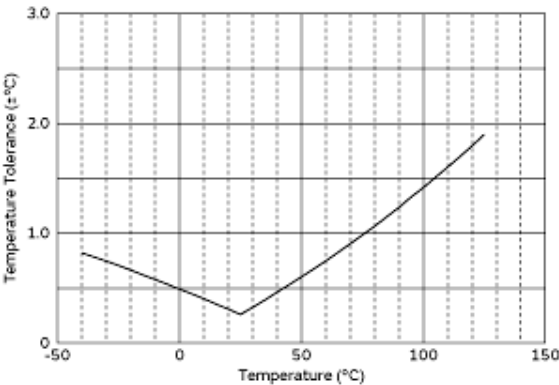
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2.This datasheet has 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.

NXRT15XV103FA5B_____

Product Data



Resistance-Temperature Characteristics



Temperature Tolerance VS. Temp.

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.