

# NXRT15XH103FA5B050

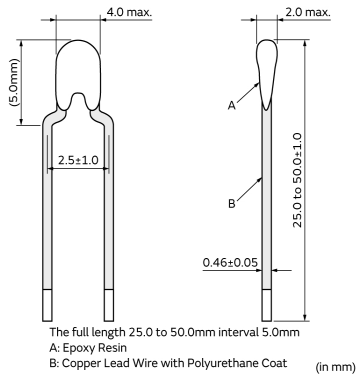
In Production

Recommended

RoHS

REACH

## 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

## Applications

Limited Usage	Consumer Grade
Other Usage	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

### 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.

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## Specifications

Resistance (25°C)	10kΩ
Resistance Value Tolerance (at 25°C)	±1%
B-Constant (25/50°C)	3380K
B-Constant (25/50°C) Tolerance	±1%
B-Constant(25/80°C) (Reference Value)	3428K
B-Constant(25/85°C) (Reference Value)	3434K
B-Constant(25/100°C) (Reference Value)	3455K
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
Size Code (in mm)	050 = 50mm
Size Code (in inch)	050 = 50mm
Shape	Lead
Mass	0.149g

### Attention

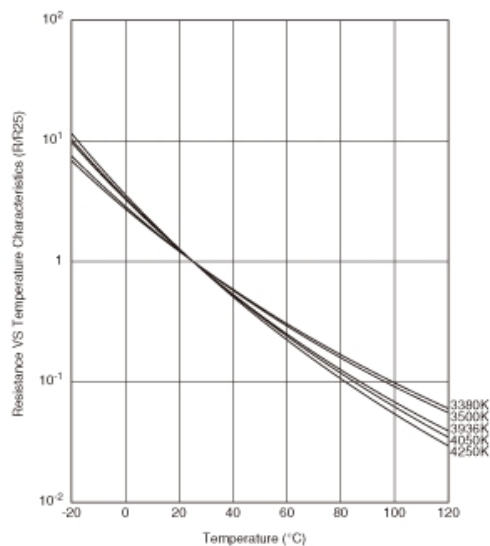
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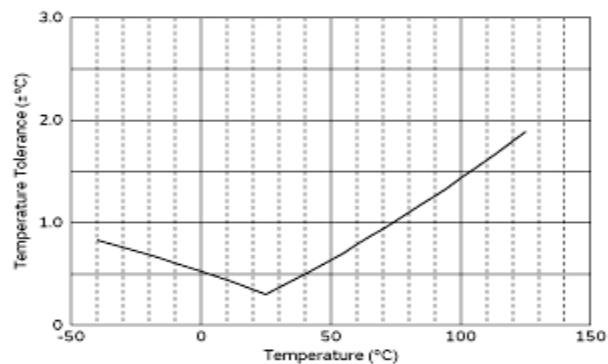
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## Product Data



Resistance-Temperature Characteristics



Temperature Tolerance VS. Temp.

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