

Product Search Data Sheet

NCU15XH103J6SRC

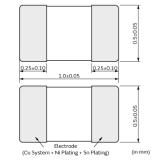
In Production Recommended AEC-Q200 RoHS REACH

## Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Automotive powertrain/safety 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





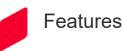
Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of NCU15XH103J6SRC from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=NCU15XH103J6SRC

## Packaging Information

Packaging	Specifications	Standard Packing Quantity
RC	180mm Paper Tape	10000



- 1. Excellent solderability and high stability in environment
- 2. Excellent long time aging stability
- 3. High accuracy in resistance and B-Constant
- 4. Reflow soldering possible

5. Same B-constant in the same resistance in the three sizes (0603 size / 0402 size)

- Easy to use smaller size in the circuits
- 6. Lead is not contained in the product.
- 7. UL/cULcertified product.(UL1434, File No. E137188)

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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 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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#### Resistance (25°C) 10kΩ Resistance Value Tolerance ±5% (at 25°C) B-Constant (25/50°C) 3380K B-Constant (25/50°C) ±1% Tolerance B-Constant(25/80°C) 3428K (Reference Value) B-Constant(25/85°C) 3434K (Reference Value) B-Constant(25/100°C) 3455K (Reference Value) 5V Max. Voltage Maximum Operating Current 0.1mA (25°C) Typical Dissipation Constant 1mW/°C (25°C) **Operating Temperature** -55°C to 150°C Range Size Code (in mm) 1.0x0.5mm

0.4x0.2inch

SMD

1

0.0012g

>	Glossary	of	NTC	thermistors	

Size Code (in inch)

Shape

Mass MSL

Related documents (UL, RoHS, etc.)

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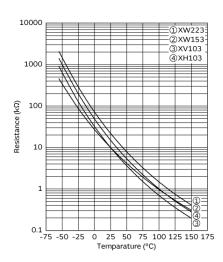


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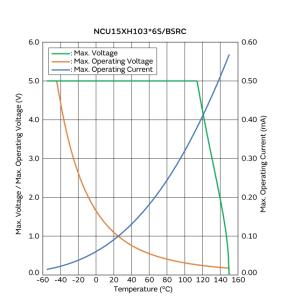
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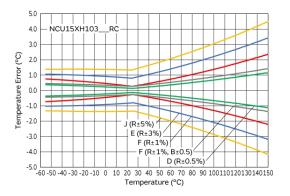
Product Data



**Resistance-Temperature Characteristics** 



Max. Voltage, Max. Operating Voltage/Current Reduction Curve



**Temperature Error Characteristics** 

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