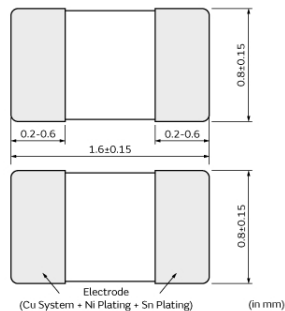
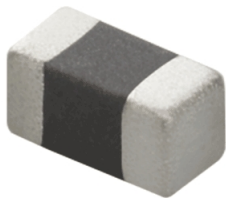


# NCU18WF104E6SRB



## Appearance & Shape



## Features

1. Excellent solderability and high stability in environment
2. Excellent long time aging stability
3. High accuracy in resistance and B-constant
4. Flow / Reflow soldering possible
5. Same B-Constant in the same resistance in the three sizes (0805 size / 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)

## Applications

|               |                  |
|---------------|------------------|
| Limited Usage | Automotive Grade |
|---------------|------------------|

## Packaging Information

| Packaging | Specifications   | Standard Packing Quantity |
|-----------|------------------|---------------------------|
| RB        | 180mm Paper Tape | 4000                      |

### 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.

# NCU18WF104E6SRB



## Specifications

|  |                |
|--|----------------|
| Resistance (25°C)                      | 100kΩ          |
| Resistance Value Tolerance (at 25°C)   | ±3%            |
| B-Constant (25/50°C)                   | 4250K          |
| B-Constant (25/50°C) Tolerance         | ±2%            |
| B-Constant(25/80°C) (Reference Value)  | 4303K          |
| B-Constant(25/85°C) (Reference Value)  | 4311K          |
| B-Constant(25/100°C) (Reference Value) | 4334K          |
| Max. Voltage                           | 5V             |
| Maximum Operating Current (25°C)       | 0.031mA        |
| Typical Dissipation Constant (25°C)    | 1mW/°C         |
| Operating Temperature Range            | -40°C to 150°C |
| Size Code (in mm)                      | 1.6x0.8mm      |
| Size Code (in inch)                    | 0.6x0.3inch    |
| Shape                                  | SMD            |
| Mass                                   | 0.0047g        |
| MSL                                    | 1              |

### Attention

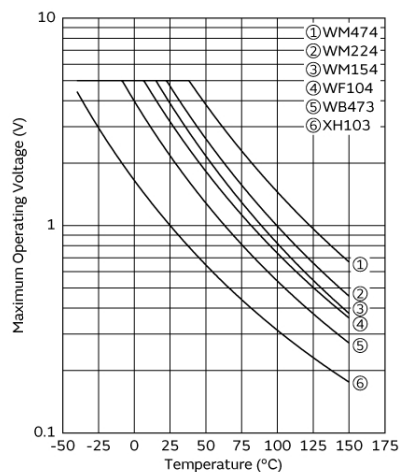
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## Product Data



Resistance-Temperature Characteristics

Maximum Operating Voltage Reduction Characteristics

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