

# NCU15WF104F6SRC

In Production

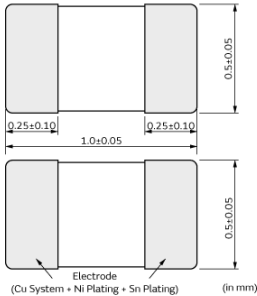
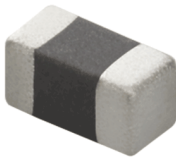
Recommended

RoHS

REACH

AEC-Q200

## 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. Lead is not contained in the product.
6. NCU series are recognized by UL/cUL (UL1434, File No.E137188).

## Applications

Limited Usage	Automotive Grade
Other Usage	<ol style="list-style-type: none"> <li>1. Various engine control units</li> <li>2. ABS control unit</li> <li>3. High power devices (IGBT)</li> <li>4. Temperature compensation for various circuits required high temperature.</li> </ol>

## Packaging Information

Packaging	Specifications	Minimum Order Quantity
RC	180mm Paper Tape	10000

**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

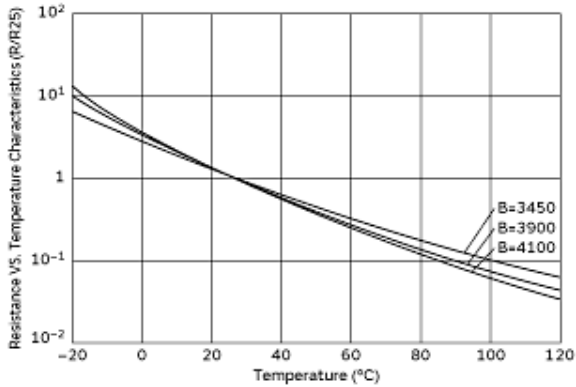
Resistance (25°C)	100kΩ
Resistance Value Tolerance (at 25°C)	±1%
B-Constant (25/50°C)	4250K
B-Constant (25/50°C) Tolerance	±1%
B-Constant(25/80°C)(Reference Value)	4303K
B-Constant(25/85°C)(Reference Value)	4311K
B-Constant(25/100°C)(Reference Value)	4334K
Max. Voltage	5V
Maximum Operating Current (25°C)	0.032mA
Typical Dissipation Constant (25°C)	1mW/°C
Operating Temperature Range	-40°C to 150°C
Size Code (in mm)	1.0x0.5mm
Shape	SMD
Mass	0.0012g

### Attention

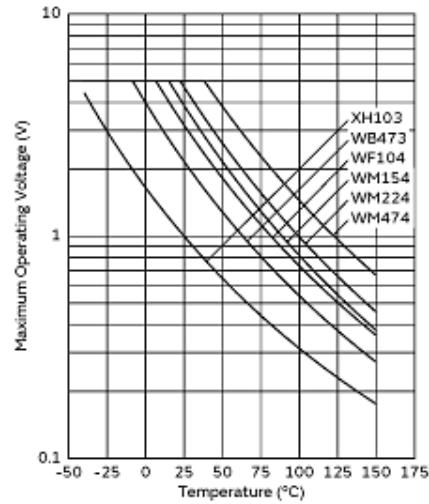
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## Product Data



Resistance-Temperature Characteristics



Maximum Operating Voltage Reduction Characteristics

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