

# NCU03WF104F6SRL

New Recommended In Production

## NCU03WF104F6SRL



### Applications

Unsuitable Applications	Please be sure to read and comply with these " <a href="#">Precautions for use</a> ".
Specific Applications	<u>Automotive powertrain/safety equipment</u> 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.

### Attention

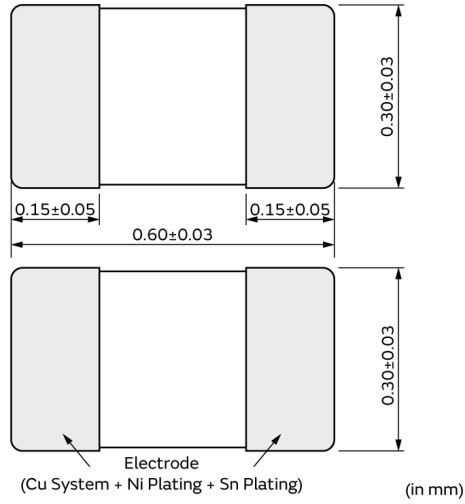
1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

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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## Appearance & Shape



LW Size (in inch)	0.2x0.1inch
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## Specifications

Resistance (25°C)	100kΩ
Resistance Value Tolerance (at 25°C)	±1%
B-Constant (25/50°C)	4,250K
B-Constant (25/50°C) Tolerance	±1%
B-Constant(25/80°C)(Reference Value)	4,303K
B-Constant(25/85°C)(Reference Value)	4,311K
B-Constant(25/100°C)(Reference Value)	4,334K
Max. Voltage	5V
Maximum Operating Current (25°C)	0.031mA
Typical Dissipation Constant (25°C)	1.5mW/°C
Operating Temperature	-55 ~ 125°C
Shape	SMD
MSL	1

Glossary of NTC thermistors

Related documents (UL, RoHS, etc.)

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## Features

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.

## References

Packaging	Specifications <span style="color: red;">?</span>	Standard Packing Quantity
RL	180mm Paper Tape (Pitch width 2mm)	15000

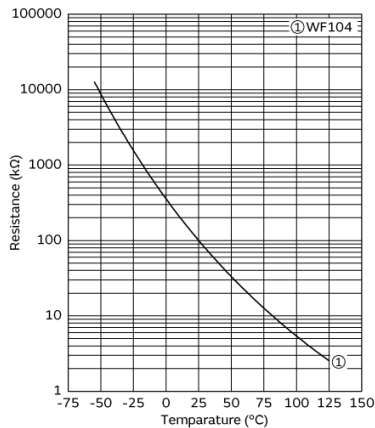
Mass(Typ.)	
1 piece	0.00026g

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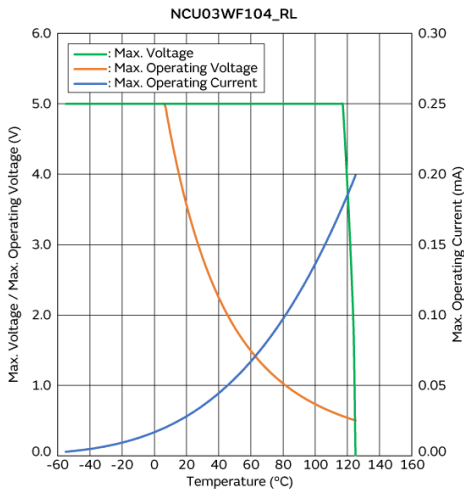
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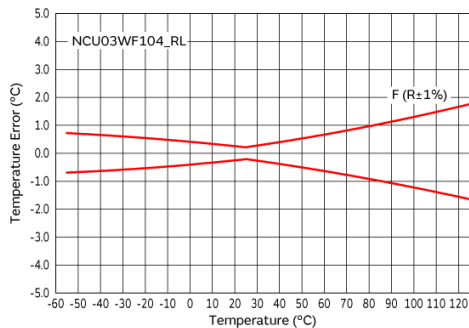
## Product Data



Resistance-Temperature Characteristics



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



Temperature Error Characteristics

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