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Please download the latest datasheet of NCU18WF104J6SRB from the official website of Murata

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NCU18WF104J6SRB













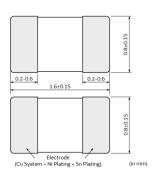
Applications

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







Packaging Information

Packaging	Specifications	Standard Packing Quantity
RB	180mm Paper Tape	4000



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 (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)

1 of 3

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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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NCU18WF104J6SRB



Specifications

	ı
Resistance (25°C)	100kΩ
Resistance Value Tolerance (at 25°C)	±5%
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	-55°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

- Glossary of NTC thermistors
- > Related documents (UL, RoHS, etc.)

2 of 3

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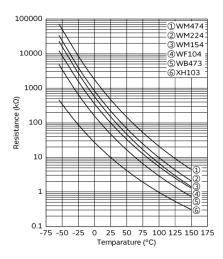
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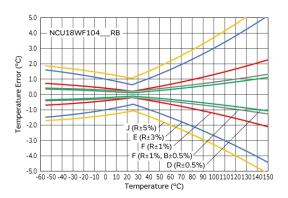
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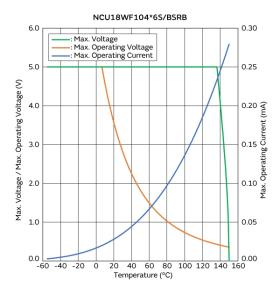


Product Data





Resistance-Temperature Characteristics



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

Temperature Error Characteristics

3 of 3

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