Note: This datasheet may be out of date.
Please download the latest datasheet of NCG18WF104F0SRB from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NCG18WF104F0SRB

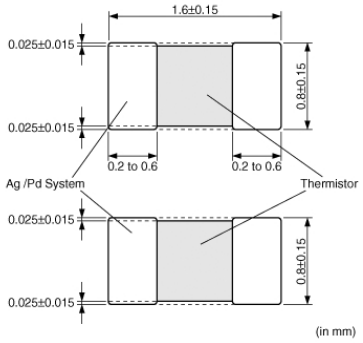
NCG18WF104F0SRB

In Production | Recommended | AEC-Q200 | RoHS | REACH

Applications

Unsuitable Applications	Please be sure to read and comply with 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



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. Glue mounting possible

Attention
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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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NCG18WF104F0SRB

Specifications

Resistance (25℃)	100kΩ
Resistance Value Tolerance (at 25℃)	±1%
B-Constant (25/50℃)	4200K
B-Constant (25/50℃) Tolerance	±1%
B-Constant(25/80℃) (Reference Value)	4255K
B-Constant(25/85℃) (Reference Value)	4260K
B-Constant(25/100℃) (Reference Value)	4282K
Max. Voltage	5V
Maximum Operating Current (25℃)	0.031mA
Typical Dissipation Constant (25℃)	1mW/℃
Operating Temperature Range	-55℃ to 150℃
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.)

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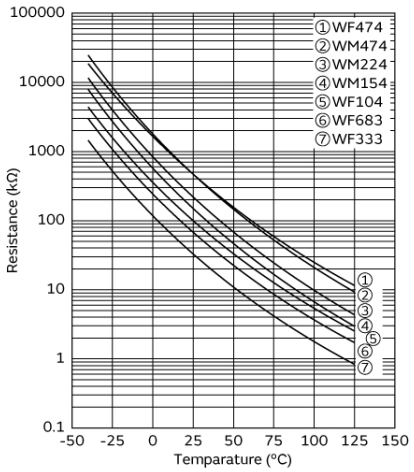
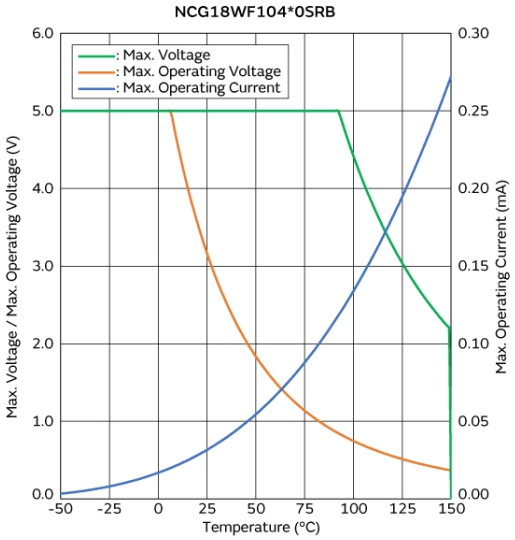
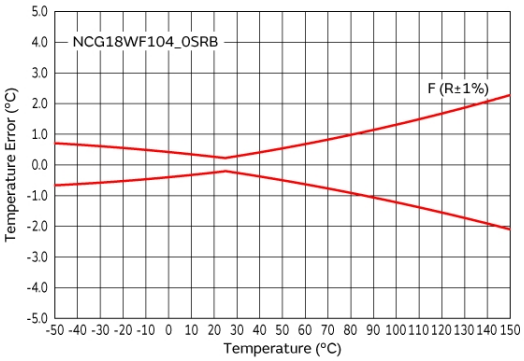
Product Data



Resistance-Temperature Characteristics



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



Temperature Error Characteristics

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