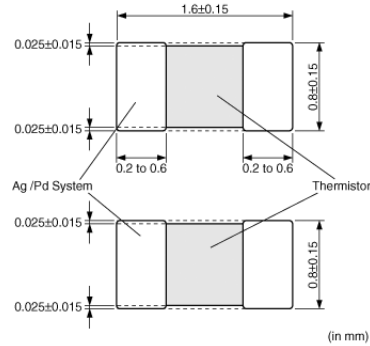


# NCG18WF104F0SRB

In Production Recommended RoHS REACH

## 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. Glue mounting possible

## Applications

Automotive Usage	Powertrain/Safety
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. Various circuits required low temperature mounting below solder melting point.</li> <li>5. Temperature compensation for various circuits required high temperature.</li> </ol>

## Packaging Information

Packaging	Specifications	Minimum Order Quantity
RB	180mm Paper Tape	4000

### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products 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.

# NCG18WF104F0SRB

## Specifications

Resistance (25°C)	100kΩ
Resistance Value Tolerance (at 25°C)	±1%
B-Constant (25/50°C)	4200K
B-Constant (25/50°C) Tolerance	±1%
B-Constant(25/80°C)(Reference Value)	4255K
B-Constant(25/85°C)(Reference Value)	4260K
B-Constant(25/100°C)(Reference Value)	4282K
Permissive Operating Current (25°C)	0.1mA
Rated Electric Power (25°C)	100mW
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

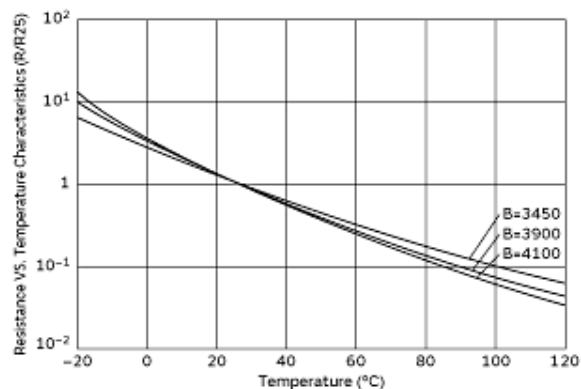
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## Product Data



Resistance-Temperature Characteristics

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