

# NCG18WF104F0SRB

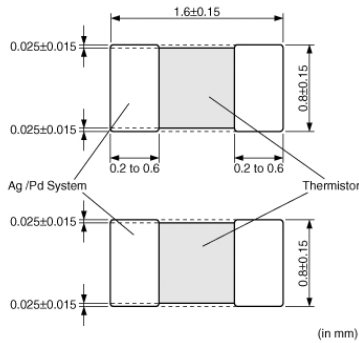
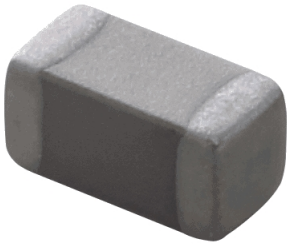
In Production

Recommended

RoHS

REACH

## 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

## Applications

Limited Usage	Automotive Grade
Other Usage	1. Various engine control units 2. ABS control unit 3. High power devices (IGBT) 4. Various circuits required low temperature mounting below solder melting point. 5. Temperature compensation for various circuits required high temperature.

### 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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## Specifications

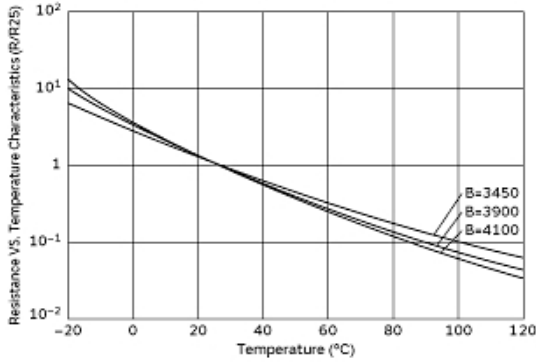
Resistance (25°C)	100kΩ
Resistance Value Tolerance (at 25°C)	±1%
B-Constant (25/50°C)	4200K
B-Constant (25/50°C) Tolerance	±1%
B-Constant(25/80°C) (Reference Value)	4255K
B-Constant(25/100°C) (Reference Value)	4282K
Max. Voltage	5V
Maximum Operating Current (25°C)	0.032mA
Typical Dissipation Constant (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

### Attention

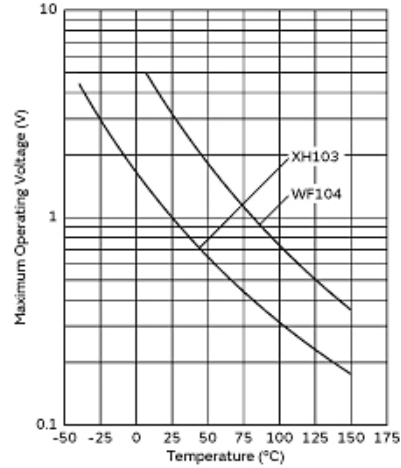
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## Product Data



Resistance-Temperature Characteristics



Maximum Operating Voltage Reduction Characteristics

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# Mouser Electronics

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