

NCG18XH103F0SRB

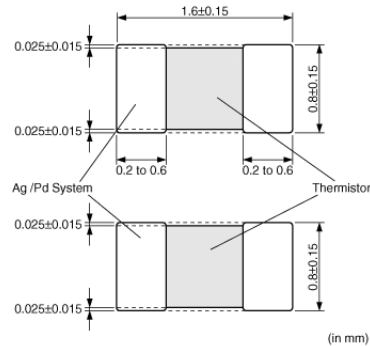
In Production

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"> 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. |


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.

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Specifications

| | |
|---------------------------------------|----------------|
| Resistance (25°C) | 10kΩ |
| Resistance Value Tolerance (at 25°C) | ±1% |
| B-Constant (25/50°C) | 3380K |
| B-Constant (25/50°C) Tolerance | ±1% |
| B-Constant(25/80°C)(Reference Value) | 3428K |
| B-Constant(25/85°C)(Reference Value) | 3434K |
| B-Constant(25/100°C)(Reference Value) | 3455K |
| Permissive Operating Current (25°C) | 0.31mA |
| 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 |

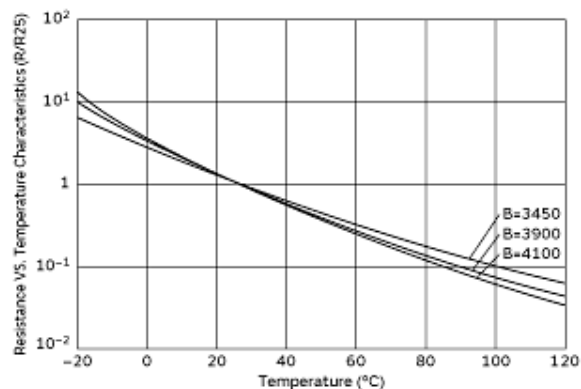
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Product Data



Resistance-Temperature Characteristics

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