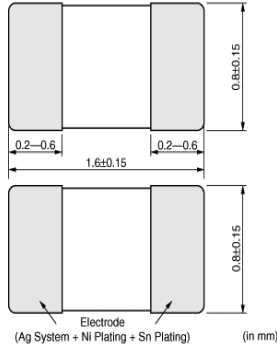


NCP18XQ102J03RB

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. Flow / Reflow soldering possible
5. Same B-Constant in the same resistance in the three sizes (0805 size / 0603 : Easy to use smaller size in the circuits
6. Lead is not contained in the product.
7. NCP series are recognized by UL/cUL (UL 1434, File No.E137188).

Applications

Other Usage	1. Temperature compensation for transistor, IC and crystal oscillator
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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, it's 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.

NCP18XQ102J03RB



Specifications

Resistance (25°C)	1kΩ
Resistance Value Tolerance (at 25°C)	±5%
B-Constant (25/50°C)	3650K
B-Constant (25/50°C) Tolerance	±2%
B-Constant (25/80°C) (Reference Value)	3688K
B-Constant (25/85°C) (Reference Value)	3693K
B-Constant (25/100°C) (Reference Value)	3706K
Permissible Operating Current (25°C)	1mA
Rated Electric Power (25°C)	100mW
Typical Dissipation Constant (25°C)	1mW/°C
Operating Temperature Range	-40°C to 125°C
Shape	SMD

Attention

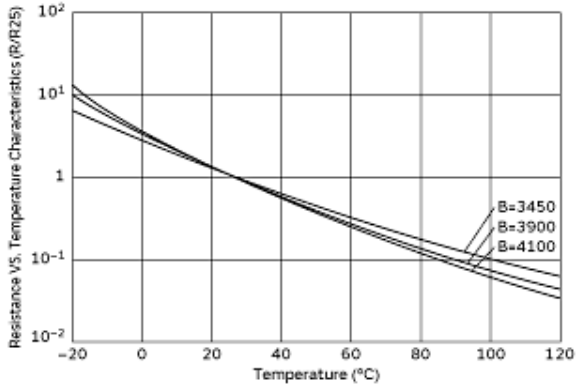
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Product Data



Resistance-Temperature Characteristics

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