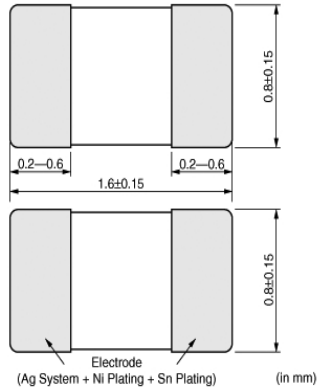


NCU18WM224J6SRB



Appearance & Shape



Packaging Information

Packaging	Specifications	Minimum Order 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. Flow / Reflow soldering possible
5. Same B-Constant in the same resistance in the three sizes (0805 size / 0603 size / 0402 size)
Easy to use smaller size in the circuits
6. Lead is not contained in the product.
7. NCP series are recognized by UL/cUL (UL1434, File No.E137188).

Applications

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

Attention

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

NCU18WM224J6SRB



Specifications

Resistance (25°C)	220kΩ
Resistance Value Tolerance (at 25°C)	±5%
B-Constant (25/50°C)	4500K
B-Constant (25/50°C) Tolerance	±3%
B-Constant(25/80°C) (Reference Value)	4571K
B-Constant(25/85°C) (Reference Value)	4582K
B-Constant(25/100°C) (Reference Value)	4614K
Max. Voltage	5V
Maximum Operating Current (25°C)	0.021mA
Typical Dissipation Constant (25°C)	1mW/°C
Operating Temperature Range	-40°C to 150°C
Size Code (in mm)	1.6x0.8mm
Size Code (in inch)	0.6x0.3inch
Shape	SMD
Mass	0.0047g

Attention

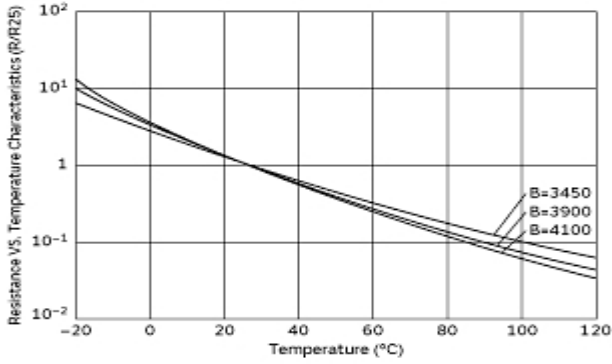
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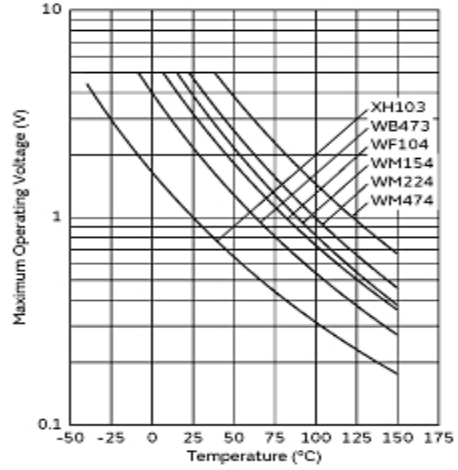
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NCU18WM224J6SRB

Product Data



Resistance-Temperature Characteristics



Maximum Operating Voltage Reduction Characteristics

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