

NCU18WM224E6SRB

In Production

Recommended

AEC-Q200

RoHS

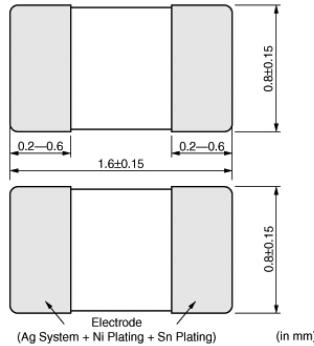
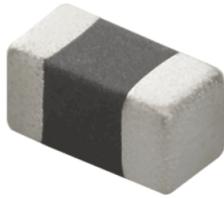
REACH

Note: This datasheet may be out of date.

Please download the latest datasheet of NCU18WM224E6SRB from the official website of Murata Manufacturing Co., Ltd.

<http://www.murata.com/en-us/products/productdetail?partno=NCU18WM224E6SRB>

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 size / 0402 size)
Easy to use smaller size in the circuits
6. Lead is not contained in the product.
7. UL/cUL certified product.(UL1434, File No. E137188)

Applications

Limited Usage	Automotive Grade
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Packaging Information

Packaging	Specifications	Standard Packing 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 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.

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Specifications

Resistance (25°C)	220kΩ
Resistance Value Tolerance (at 25°C)	±3%
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
MSL	1

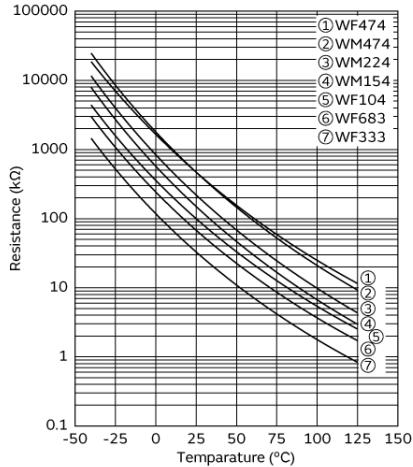
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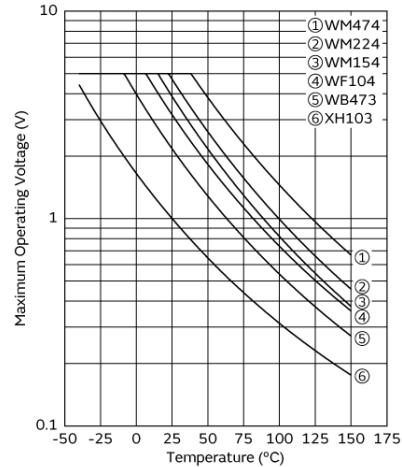
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Product Data



Resistance-Temperature Characteristics



Maximum Operating Voltage Reduction Characteristics

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