

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of NCP18XF151E03RB from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NCP18XF151E03RB

NCP18XF151E03RB









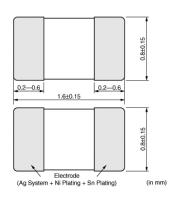
Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Consumer equipment	
Specific Applications	Please refer to Our Website and	
	specifications, etc. for information about	
	the performance, functions, quality,	
	management, and safety required for	
	the above applications, and use	
	Products after confirming the	
	performance and reliability of the actual	
	Product.	



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. 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/cULcertified product.(UL1434, File No. E137188)

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Attentior

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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

0505	4500
Resistance (25°C)	150Ω
Resistance Value Tolerance	±3%
(at 25°C)	
B-Constant (25/50°C)	3250K
B-Constant (25/50°C)	±3%
Tolerance	1070
B-Constant(25/80°C)	3282K
(Reference Value)	
B-Constant(25/85°C)	3284K
(Reference Value)	
B-Constant(25/100°C)	3296K
(Reference Value)	
Max. Voltage	5V
Maximum Operating Current	0.816mA
(25°C)	0.0 1011// (
Typical Dissipation Constant	1mW/°C
(25°C)	
Operating Temperature	-40°C to 125°C
Range	
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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