

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of PRF15BB103RB6RC from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=PRF15BB103RB6RC

PRF15BB103RB6RC











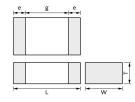
Applications

Unsuitable	Please be sure to read and comply with		
Applications	these "Precautions for use."		
	Mobile Electronics,Consumer equipment,Industrial Equipment,Medical equipment [GHTF A/B]		
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





Part Number	Dimensions (mm)				
Part Number	L	W	Т	е	g
PRF03_RL	0.6±0.05	0.3±0.05	0.3±0.05	0.1 to 0.2	-
PRF15_RC	1.0±0.05	0.5±0.05	0.5±0.05	0.1 to 0.4	0.3 min.
PRF18_RB	1.6±0.15	0.8±0.15	0.8±0.15	0.1 to 0.6	-
PRF21_RA	2.0±0.2	1.25±0.2	0.9±0.2	0.2 min.	0.5 min.



Packaging Information

Packaging	Specifications	Standard Packing Quantity
RC	180mm Paper Tape	10000



Features

- 1. SMD type is helpful for miniaturizing circuits because of its small size and light weight.
- 2. Excellent thermal response due to small size
- 3. Solid-state construction provides excellent resistance to mechanical vibration and impact resistance.
- 4. Contactless operation provides noiseless operation.
- 5. UL/cULcertified product. (UL1434, File No. E137188)

1 of 3

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 in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





PRF15BB103RB6RC

Note: This datasheet may be out of date.

Please download the latest datasheet of PRF15BB103RB6RC from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=PRF15BB103RB6RC

Manufacturing Co., Ltd.



Specifications

Max. Voltage	32V
Sensing Temperature	130°C
Sensing Temperature Tolerance	±3°C
Measure Condition of Sensing Temperature	at 4.7M ohm
Resistance (25°C)	10kΩ
Resistance Value Tolerance (at 25°C)	±50%
Operating Temperature Range	-20°C to 140°C
Size Code (in mm)	1.0x0.5mm
Size Code (in inch)	0.4x0.2inch
Shape	SMD
Mass	0.001g
MSL	1

- Glossary of PTC thermistors
- Related documents (UL, RoHS, etc.)

2 of 3

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 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.



Product Search Data Sheet

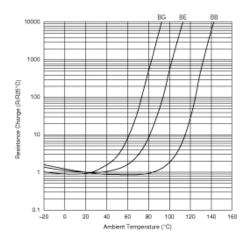
Note: This datasheet may be out of date. Please download the latest datasheet of PRF15BB103RB6RC from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=PRF15BB103RB6RC

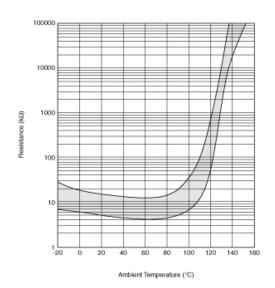
PRF15BB103RB6RC



Product Data







Resistance-Temperature Charac. Range

3 of 3

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's 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.

