

Product Search Data Sheet

PRF18BB471RB1RB

Discontinued RoHS

HS REACH

Applications

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

Appearance & Shape



 -	• °		4		
-	L	•			
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

Note: This datasheet may be out of date. Please download the latest datasheet of PRF18BB471RB1RB from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=PRF18BB471RB1RB

Packaging Information

Packaging		Standard Packing Quantity
RB	180mm Paper Tape	4000



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)



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.





PRF18BB471RB1RB

Note: This datasheet may be out of date. Please download the latest datasheet of PRF18BB471RB1RB from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=PRF18BB471RB1RB

Specifications

Max. Voltage	32V
Sensing Temperature	115℃
Sensing Temperature Tolerance	±3℃
Measure Condition of Sensing Temperature	at 4.7k ohm
Resistance (25°C)	470Ω
Resistance Value Tolerance (at 25°C)	±50%
Operating Temperature Range	-20°C to 130°C
Size Code (in mm)	1.6x0.8mm
Size Code (in inch)	0.6x0.3inch
Shape	SMD
Mass	0.004g
MSL	1

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.





PRF18BB471RB1RB

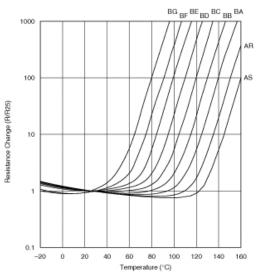
Note: This datasheet may be out of date. Please download the latest datasheet of PRF18BB471RB1RB from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=PRF18BB471RB1RB

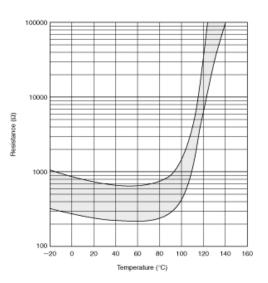


INNOVATOR IN ELECTRONICS





Resistance-Temperature Characteristics



Resistance-Temperature Characteristics Range (Reference)

3 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.

