

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of PRF18BF471QB5RB from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=PRF18BF471QB5RB

PRF18BF471QB5RB











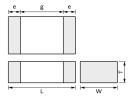
Applications

Please be sure to read and comply with			
these "Precautions for use."			
Consumer equipment,Industrial			
Equipment,Medical equipment [GHTF			
A/B]			
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
RB	180mm Paper Tape	4000



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 mechanical vibration and impact resistance.
- 4. Contactless operation provides noiseless operation.
- 5. Lead is not contained in the terminations.
- 6. UL/cULcertified product. (UL1434, File No. E137188)

1 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.





PRF18BF471QB5RB

Note: This datasheet may be out of date.

Please download the latest datasheet of PRF18BF471QB5RB from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=PRF18BF471QB5RB



Specifications

Max. Voltage	32V
Sensing Temperature	75°C
Sensing Temperature Tolerance	±5°C
Measure Condition of Sensing Temperature	at 4.7k ohm
Sensing Temperature(2)	90℃
Sensing Temperature (2) Tolerance	±7°C
Measure Condition of Sensing Temperature(2)	at 47k ohm
Resistance (25°C)	470Ω
Resistance Value Tolerance (at 25℃)	±50%
Operating Temperature Range	-20°C to 100°C
Size Code (in mm)	1.6x0.8mm
Size Code (in inch)	0.6x0.3inch
Shape	SMD
Mass	0.004g
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.
- $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$
- Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.



Product Search Data Sheet

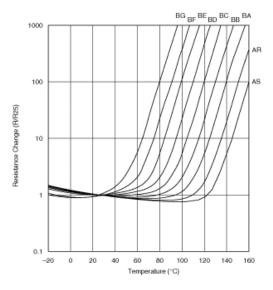
Note: This datasheet may be out of date. Please download the latest datasheet of PRF18BF471QB5RB from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=PRF18BF471QB5RB

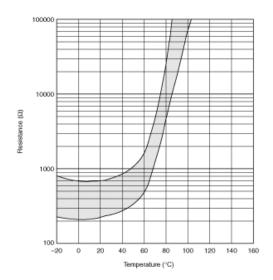
PRF18BF471QB5RB



Product Data



Resistance-Temperature Characteristics



Resistance-Temperature Characteristics Range (Reference)

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.

