

#### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of PRF18BE471QB5RB from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=PRF18BE471QB5RB

# PRF18BE471QB5RB











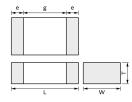
## **Applications**

Unsuitable	Please be sure to read and comply with			
Applications	these "Precautions for use."			
Applications  Specific Applications	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 Nulliber	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

#### 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.





#### DNICE

Note: This datasheet may be out of date.

Please download the latest datasheet of PRF18BE471QB5RB from the official website of Murata

Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=PRF18BE471QB5RB



# **Specifications**

PRF18BE471QB5RB

32V
85°C
±5°C
at 4.7k ohm
100℃
±7°C
at 47k ohm
470Ω
±50%
-20°C to 110°C
1.6x0.8mm
0.6x0.3inch
SMD
0.004g
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

Manufacturing Co., Ltd.

Please download the latest datasheet of PRF18BE471QB5RB from the official website of Murata

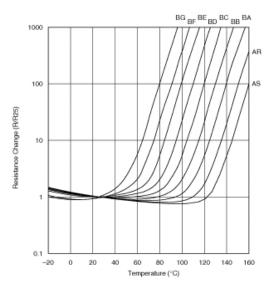
#### http://www.murata.com/en-gb/products/productdetail?partno=PRF18BE471QB5RB

Note: This datasheet may be out of date.

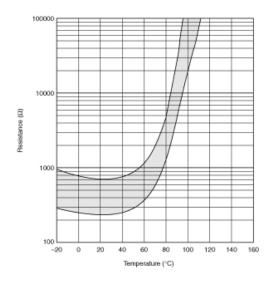
# PRF18BE471QB5RB



### **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.

