

# PRF18BB471QB1RB

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Please download the latest datasheet of PRF18BB471QB1RB from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PRF18BB471QB1RB









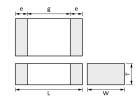
## **Applications**

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		Dimen	sions (ı	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 resistance to mechanical vibration and impact resistance.
- 4. Contactless operation provides noiseless operation.
- 5. UL/cULcertified product. (UL1434, File No. E137188)

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#### Attention

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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**

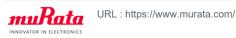
Max. Voltage	32V
Sensing Temperature	115℃
Sensing Temperature Tolerance	±5°C
Measure Condition of Sensing Temperature	at 4.7k ohm
Sensing Temperature(2)	130℃
Sensing Temperature (2) Tolerance	±7°C
Measure Condition of Sensing Temperature(2)	at 47k ohm
Resistance (25°C)	470Ω
Resistance Value Tolerance (at 25°C)	±50%
Operating Temperature Range	-20°C to 140°C
Size Code (in mm)	1.6x0.8mm
Size Code (in inch)	0.6x0.3inch
Shape	SMD
Mass	0.004g
MSL	1

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#### Product Search Data Sheet

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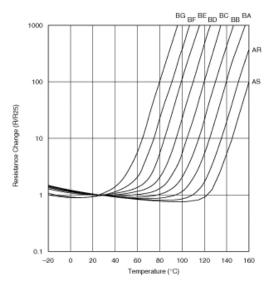
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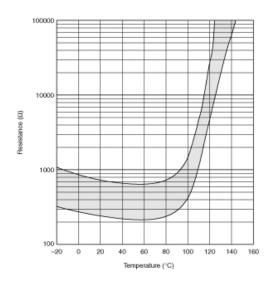
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### **Product Data**



Resistance-Temperature Characteristics



Resistance-Temperature Characteristics Range (Reference)

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