

Product Search Data Sheet

# PRF18AR471QS2RB

REACH

Discontinued RoHS

Applications

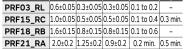
Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Automotive infotainment/comfort	
	equipment	
	Please refer to Our Website and	
	specifications, etc. for information about	
Specific	the performance, functions, quality,	
Applications	management, and safety required for	
	the above applications, and use	
	Products after confirming the	
	performance and reliability of the actual	
	Product.	

### Appearance & Shape



	-		1			
-	L	-				
Part Number	Dimensions (mm)					
	L	W	Т	е	g	
PRF03_RL	0.6±0.05	0.3±0.05	0.3±0.05	0.1 to 0.2	-	

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Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of PRF18AR471QS2RB from the official website of Murata

http://www.murata.com/en-gb/products/productdetail?partno=PRF18AR471QS2RB

## Packaging Information

Packaging	Specifications	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 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





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### Specifications

Max. Voltage	32V
Sensing Temperature	135℃
Sensing Temperature Tolerance	±5°C
Measure Condition of Sensing Temperature	at 4.7k ohm
Sensing Temperature(2)	150℃
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	-40°C to 150°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

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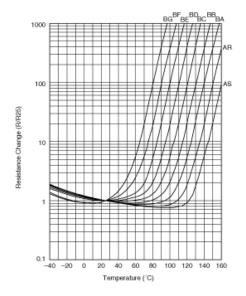
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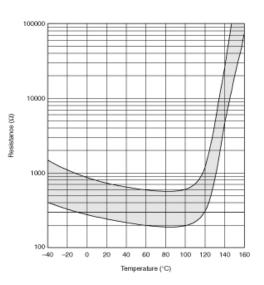


INNOVATOR IN ELECTRONICS





**Resistance-Temperature Characteristics** 



Resistance-Temperature Characteristics Range (Reference)

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