

NOVATOR IN ELECTRONICS

PRF18AR471QS5RB

Note: This datasheet may be out of date.

Please download the latest datasheet of PRF18AR471QS5RB from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PRF18AR471QS5RB













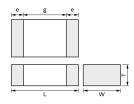
Applications

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





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	-	
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)

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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.





Product Search Data Sheet

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PRF18AR471QS5RB



Specifications

Max. Voltage	32V		
- Maxi Vellage			
Sensing Temperature	135°C		
Sensing Temperature	±5°C		
Tolerance	100		
Measure Condition of	at 4.7k ohm		
Sensing Temperature			
Sensing Temperature(2)	150°C		
Sensing Temperature (2)	±7°C		
Tolerance			
Measure Condition of	at 47k ohm		
Sensing Temperature(2)			
Resistance (25°C)	470Ω		
Resistance Value Tolerance	±50%		
(at 25°C)			
Operating Temperature	-40°C to 150°C		
Range			
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.)

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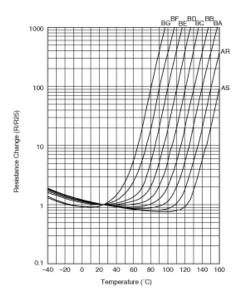
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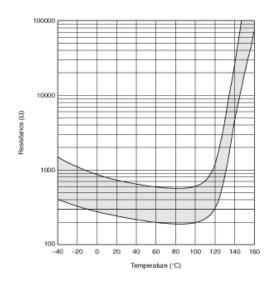
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Product Data



Resistance-Temperature Characteristics



Resistance-Temperature Characteristics Range (Reference)

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