

Product Search Data Sheet

PRF15BG102RB6RC

discontinued RoHS REACH

Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Mobile Electronics,Consumer	
Specific Applications	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



	• °		1			
-	L					
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	

Note: This datasheet may be out of date. Please download the latest datasheet of PRF15BG102RB6RC from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=PRF15BG102RB6RC

Packaging Information

Packaging	Specifications	Standard Packing Quantity
RC	180mm Paper Tape	10000



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)



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.





PRF15BG102RB6RC

Note: This datasheet may be out of date. Please download the latest datasheet of PRF15BG102RB6RC from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=PRF15BG102RB6RC

Specifications

Max. Voltage	32V
Sensing Temperature	65°C
Sensing Temperature Tolerance	±5°C
Measure Condition of Sensing Temperature	at 10k ohm
Sensing Temperature(2)	80°C
Sensing Temperature (2) Tolerance	±3°C
Measure Condition of Sensing Temperature(2)	at 100k ohm
Resistance (25°C)	1kΩ
Resistance Value Tolerance (at 25°C)	±50%
Operating Temperature Range	-40°C to 90°C
Size Code (in mm)	1.0x0.5mm
Size Code (in inch)	0.4x0.2inch
Shape	SMD
Mass	0.001g
MSL	1

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 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.





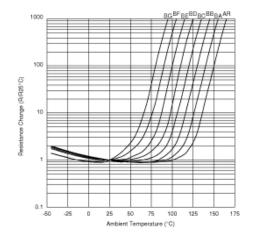


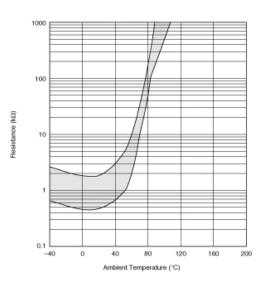
Note: This datasheet may be out of date. Please download the latest datasheet of PRF15BG102RB6RC from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=PRF15BG102RB6RC



INNOVATOR IN ELECTRONICS





Resistance-Temperature Charac.

Resistance-Temperature Charac. Range

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.



3 of 3