

Product Search Data Sheet

PRF15BF102RB6RC

discontinued RoHS REACH

Applications

	Discourse to many damage and a sum have the
Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Mobile Electronics, Consumer
	equipment,Industrial Equipment,Medical
Specific Applications	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



	<u>م</u>		4		
-	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 mir
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 mir

Note: This datasheet may be out of date. Please download the latest datasheet of PRF15BF102RB6RC from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=PRF15BF102RB6RC

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.





PRF15BF102RB6RC

Note: This datasheet may be out of date. Please download the latest datasheet of PRF15BF102RB6RC from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=PRF15BF102RB6RC

Specifications

Max. Voltage	32V
Sensing Temperature	75℃
Sensing Temperature Tolerance	±5℃
Measure Condition of Sensing Temperature	at 10k ohm
Sensing Temperature(2)	90°C
Sensing Temperature (2) Tolerance	±3°C
Measure Condition of Sensing Temperature(2)	at 100k ohm
Resistance (25°C)	1κΩ
Resistance Value Tolerance (at 25°C)	±50%
Operating Temperature Range	-40°C to 100°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.





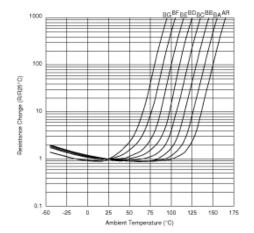
Product Search Data Sheet

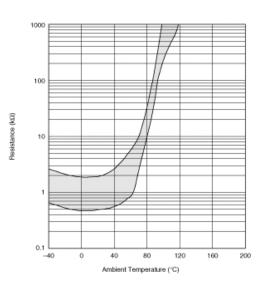
PRF15BF102RB6RC

Note: This datasheet may be out of date. Please download the latest datasheet of PRF15BF102RB6RC from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=PRF15BF102RB6RC







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