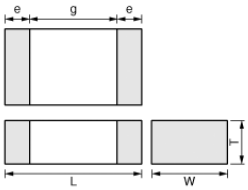
Note: This datasheet may be out of date.
Please download the latest datasheet of PRF15BB102RB6RC from the official website of Murata Manufacturing Co., Ltd.
https://www.murata.com/en-us/products/productdetail?partno=PRF15BB102RB6RC

PRF15BB102RB6RC

In Production | Recommended | RoHS | REACH

Appearance & Shape



Part Number	Dimensions (mm)				
	L	W	T	e	g
PRF15_RC	1.0±0.05	0.5±0.05	0.5±0.05	0.15 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	-

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.

Applications

Limited Usage	Consumer Grade

Packaging Information

Packaging	Specifications	Minimum Order Quantity
RC	180mm Paper Tape	10000

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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PRF15BB102RB6RC

Specifications

Max. Voltage	32V
Sensing Temperature	115°C
Sensing Temperature Tolerance	±5°C
Measure Condition of Sensing Temperature	at 10k ohm
Sensing Temperature(2)	130°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 140°C
Size Code (in mm)	1.0x0.5mm
Size Code (in inch)	0.4x0.2inch
Shape	SMD
Mass	0.001g

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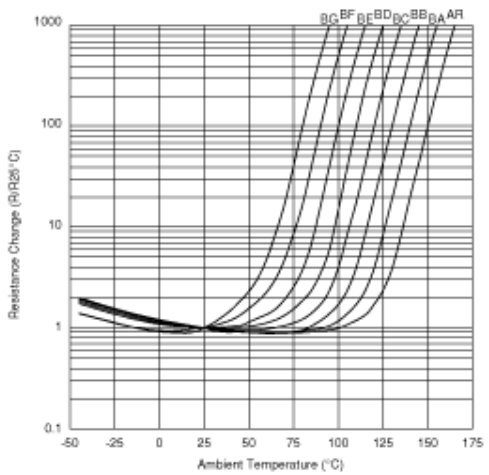
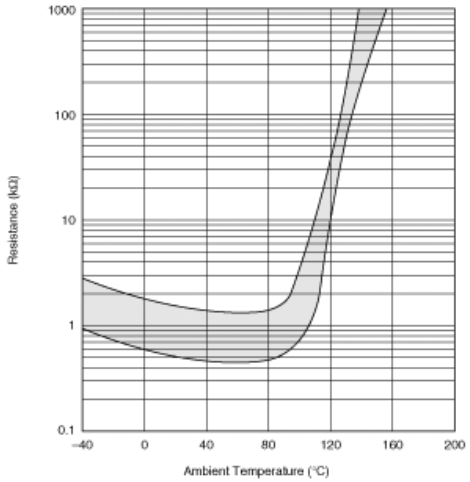
PRF15BB102RB6RC

Product Data



Resistance-Temperature Charac.



Resistance-Temperature Charac. Range

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