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Please download the latest datasheet of PRF15BG103RB6RC from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=PRF15BG103RB6RC

PRF15BG103RB6RC

To be discontinued RoHS REACH

Applications

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

Packaging Information

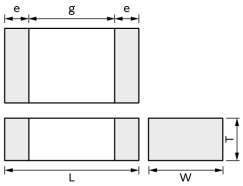
Packaging	Specifications	Standard Packing Quantity
RC	180mm Paper Tape	10000

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.
5. UL/cULcertified product. (UL1434, File No. E137188)

Appearance & Shape





Part Number	Dimensions (mm)				
	L	W	T	e	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.

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.

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PRF15BG103RB6RC

Specifications

Max. Voltage	32V
Sensing Temperature	80℃
Sensing Temperature Tolerance	±3℃
Measure Condition of Sensing Temperature	at 4.7M ohm
Resistance (25℃)	10kΩ
Resistance Value Tolerance (at 25℃)	±50%
Operating Temperature Range	-20℃ to 90℃
Size Code (in mm)	1.0x0.5mm
Size Code (in inch)	0.4x0.2inch
Shape	SMD
Mass	0.001g
MSL	1

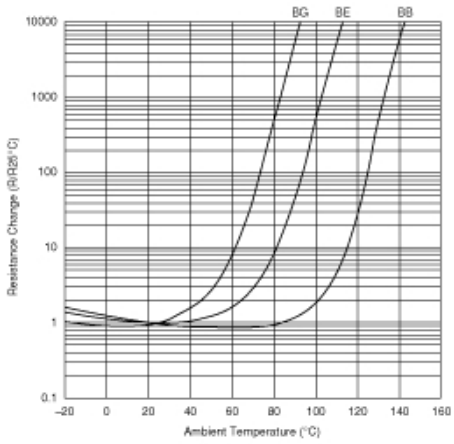
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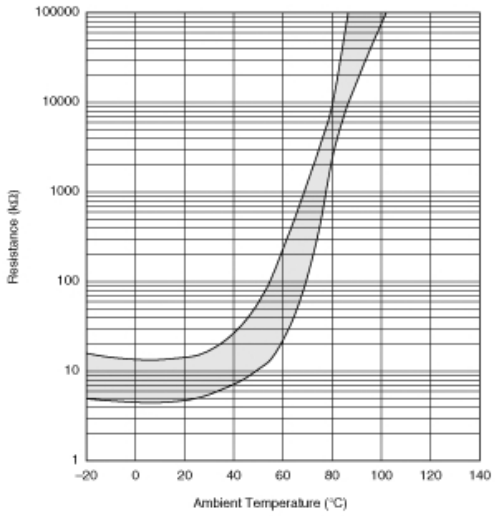
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PRF15BG103RB6RC

Product Data



Resistance-Temperature Characteristics



Resistance-Temperature Characteristics Range (Reference)

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