

PRF15BB103RB6RC

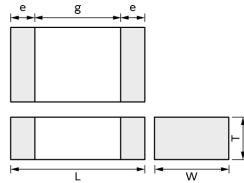
In Production

Recommended

RoHS

REACH

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. |

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)

Applications

| | |
|---------------|----------------|
| Limited Usage | Consumer Grade |
|---------------|----------------|

Packaging Information

| Packaging | Specifications | Standard Packing 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.

PRF15BB103RB6RC



Specifications

| | |
|--|----------------|
| Max. Voltage | 32V |
| Sensing Temperature | 130°C |
| Sensing Temperature Tolerance | ±3°C |
| Measure Condition of Sensing Temperature | at 4.7M ohm |
| Resistance (25°C) | 10kΩ |
| Resistance Value Tolerance (at 25°C) | ±50% |
| Operating Temperature Range | -20°C to 140°C |
| Size Code (in mm) | 1.0x0.5mm |
| Size Code (in inch) | 0.4x0.2inch |
| Shape | SMD |
| Mass | 0.001g |
| MSL | 1 |

Attention

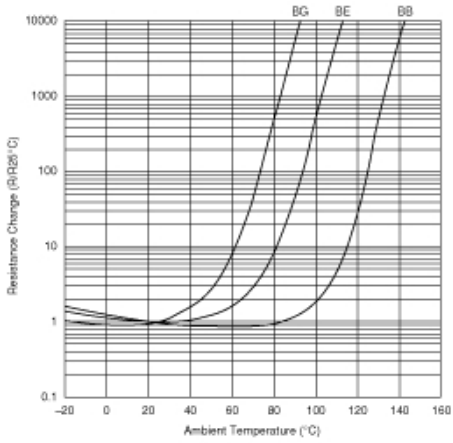
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2.This datasheet has only typical specifications because there is no space for detailed specifications.

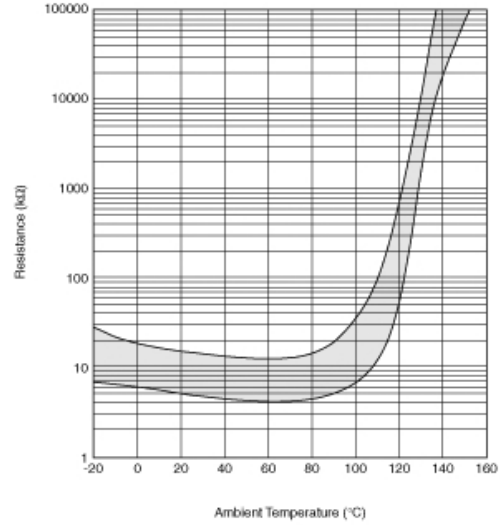
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

PRF15BB103RB6RC

Product Data



Resistance-Temperature Characteristics



Resistance-Temperature Charac. Range

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.