

Product Search Data Sheet

PRF18AS471QB1RB

Discontinued RoHS

HS REACH

Applications

| Unsuitable | Please be sure to read and comply with |
|--------------------------|--|
| Applications | these "Precautions for use." |
| | Consumer equipment,Industrial |
| | Equipment,Medical equipment [GHTF |
| Specific Applications | 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



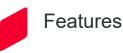
| | • • | | 1 | | | |
|-------------|-----------------|----------|----------|------------|---------|--|
| | | | | | | |
| - | L | | | | | |
| Part Number | Dimensions (mm) | | | | | |
| Part Number | L | w | Т | е | g | |
| PRF03_RL | 0.6±0.05 | 0.3±0.05 | 0.3±0.05 | 0.1 to 0.2 | - | |
| PRF15_RC | 1.0±0.05 | 0.5±0.05 | 0.5±0.05 | 0.1 to 0.4 | 0.3 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Note: This datasheet may be out of date.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 PRF18AS471QB1RB from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=PRF18AS471QB1RB

Packaging Information

| Packaging | | Standard Packing Quantity |
|-----------|------------------|---------------------------------|
| RB | 180mm Paper Tape | 4000 |



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.





PRF18AS471QB1RB

Note: This datasheet may be out of date. Please download the latest datasheet of PRF18AS471QB1RB from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=PRF18AS471QB1RB

Specifications

| Max. Voltage | 32V |
|---|----------------|
| Sensing Temperature | 145°C |
| Sensing Temperature Tolerance | ±5℃ |
| Measure Condition of Sensing Temperature | at 4.7k ohm |
| Resistance (25°C) | 470Ω |
| Resistance Value Tolerance (at 25°C) | ±50% |
| Operating Temperature Range | -20°C to 160°C |
| Size Code (in mm) | 1.6x0.8mm |
| Size Code (in inch) | 0.6x0.3inch |
| Shape | SMD |
| Mass | 0.004g |
| 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

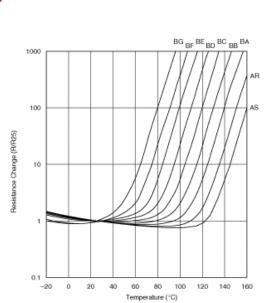


Note: This datasheet may be out of date. Please download the latest datasheet of PRF18AS471QB1RB from the official website of Murata Manufacturing Co., Ltd.

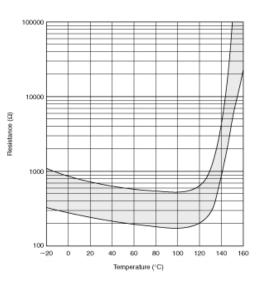
http://www.murata.com/en-us/products/productdetail?partno=PRF18AS471QB1RB



INNOVATOR IN ELECTRONIC



Resistance-Temperature Characteristics



Resistance-Temperature Characteristics Range (Reference)

3 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.

