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http://www.murata.com/en-gb/products/productdetail?partno=PRF21BC471QB1RA

# PRF21BC471QB1RA

Discontinued RoHS REACH

## Applications

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

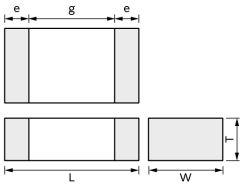
| Packaging | Specifications | Standard Packing Quantity |
|---|---|---|
| RA | 180mm Embossed Tape | 4000 |

## 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. ULcertified 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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# PRF21BC471QB1RA

## Specifications

| | |
|---|---|
| Max. Voltage | 32V |
| Sensing Temperature | 105℃ |
| Sensing Temperature Tolerance | ±5℃ |
| Measure Condition of Sensing Temperature | at 4.7k ohm |
| Resistance (25℃) | 470Ω |
| Resistance Value Tolerance (at 25℃) | ±50% |
| Operating Temperature Range | -20℃ to 120℃ |
| Size Code (in mm) | 2.0x1.25mm |
| Size Code (in inch) | 0.8x0.5inch |
| Shape | SMD |
| Mass | 0.011g |
| MSL | 1 |



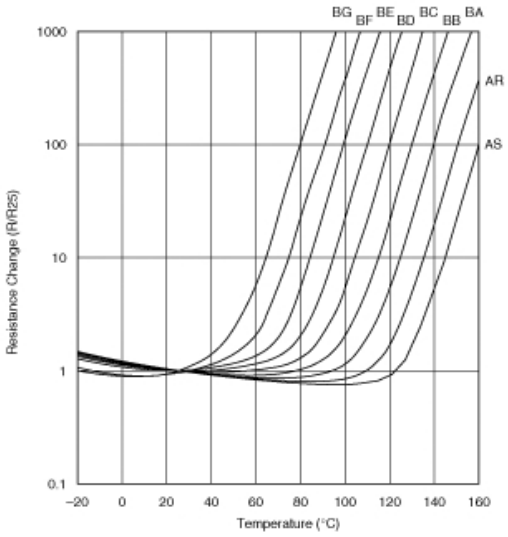
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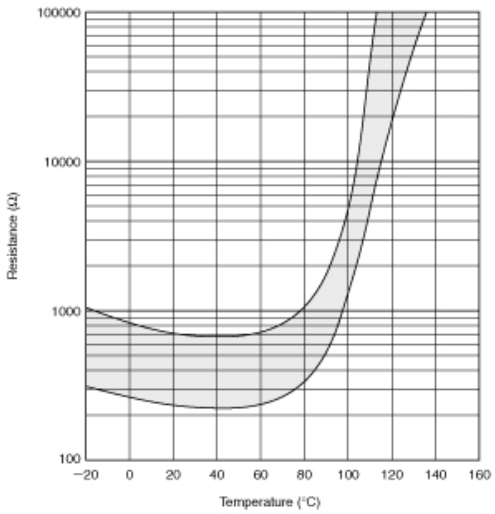
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# PRF21BC471QB1RA

## Product Data




Resistance-Temperature Characteristics




Resistance-Temperature Characteristics Range (Reference)



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