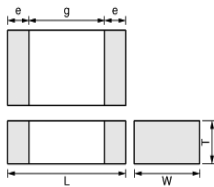


# PRF18BE471RS2RB

To be discontinued

RoHS REACH

## Appearance & Shape



| Part Number | Dimensions (mm) |          |          |            |   |
|-------------|-----------------|----------|----------|------------|---|
|             | L               | W        | T        | e          | g |
| PRF18 RB    | 1.6±0.15        | 0.8±0.15 | 0.8±0.15 | 0.1 to 0.6 | - |

## Applications

Automotive Usage

Powertrain/Safety

## Packaging Information

| Packaging | Specifications   | Minimum Order Quantity |
|-----------|------------------|------------------------|
| RB        | 180mm Paper Tape | 4000                   |

## Features

1. Sensing accuracy +/- 3 deg.C which is highest of PTC Thermistor and the same level as N
2. Same resistance - temperature characteristics as PRF18\_QS series. Easy to use high
3. SMD type is helpful for miniaturizing circuits because of its small si
4. Excellent thermal response due to small size
5. Solid - state construction provides excellent mechanical vibration and impac
6. Contactless operation provides noiseless operation.
7. Lead is not contained in the terminations.

### 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 n 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.

# PRF18BE471RS2RB



## Specifications

|                                          |                |
|------------------------------------------|----------------|
| Max. Voltage                             | 32V            |
| Sensing Temperature                      | 85°C           |
| Sensing Temperature Tolerance            | ±3°C           |
| Measure Condition of Sensing Temperature | at 4.7k ohm    |
| Resistance (25°C)                        | 470Ω           |
| Resistance Value Tolerance (at 25°C)     | ±50%           |
| Operating Temperature Range              | -40°C to 150°C |
| Shape                                    | SMD            |

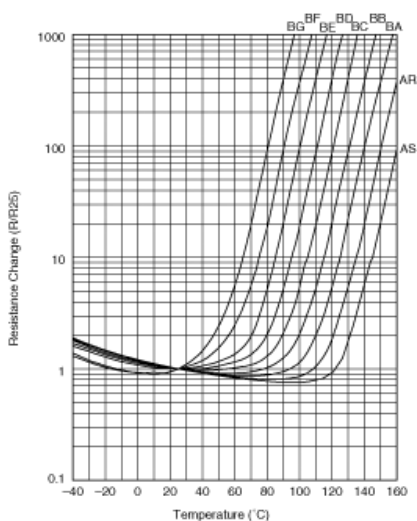
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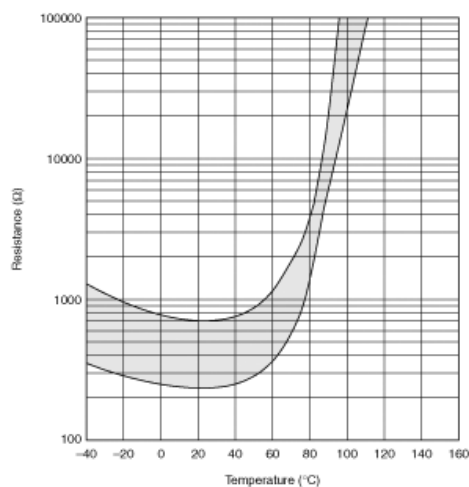
# PRF18BE471RS2RB



## Product Data



Resistance-Temperature Characteristics



Resistance-Temperature Characteristics Range (Reference)

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