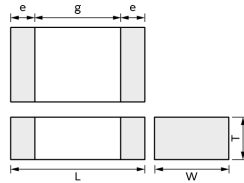


PRF18AR471QB1RB



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 |
|-----------|------------------|---------------------------|
| RB | 180mm Paper Tape | 4000 |

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.

PRF18AR471QB1RB



Specifications

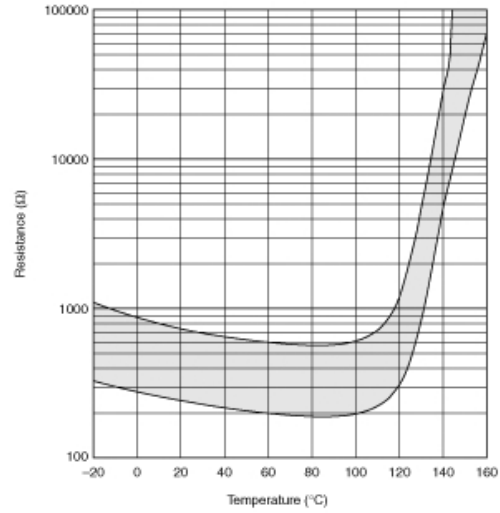
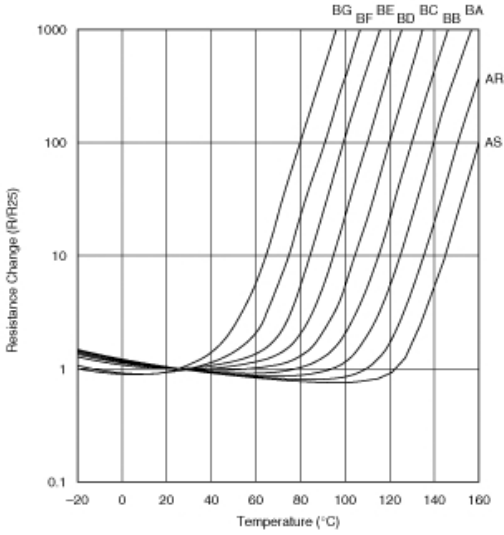
| | |
|---|----------------|
| Max. Voltage | 32V |
| Sensing Temperature | 135°C |
| Sensing Temperature Tolerance | ±5°C |
| Measure Condition of Sensing Temperature | at 4.7k ohm |
| Sensing Temperature(2) | 150°C |
| Sensing Temperature (2) Tolerance | ±7°C |
| Measure Condition of Sensing Temperature(2) | at 47k 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 |

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Product Data



Resistance-Temperature Characteristics

Resistance-Temperature Characteristics Range (Reference)

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