

Product Search Data Sheet

PRG03BC101RB7RL



Applications

| Unsuitable | Please be sure to read and comply with | | |
|--------------|--|--|--|
| Applications | these "Precautions for use." | | |
| | Mobile Electronics, Consumer equipment | | |
| | Please refer to Our Website and | | |
| | specifications, etc. for information about | | |
| Chaoifia | the performance, functions, quality, | | |
| Specific | management, and safety required for | | |
| Applications | the above applications, and use | | |
| | Products after confirming the | | |
| | performance and reliability of the actual | | |
| | Product. | | |

Appearance & Shape



| | • ° | | 1 | | | |
|-------------|-----------------|-----------|-----------|--------------|----------|--|
| | | | | | | |
| - | | | | | | |
| | | | | | | |
| Part Number | Dimensions (mm) | | | | | |
| Part Number | L | W | Т | е | g | |
| PRG03_RL | 0.60±0.05 | 0.30±0.05 | 0.30±0.05 | 0.10 to 0.20 | - | |
| PRG15_RC | 1.0±0.05 | 0.5±0.05 | 0.5±0.05 | 0.15 to 0.40 | - | |
| PRG18_RB | 1.6±0.15 | 0.8±0.15 | 0.8±0.15 | 0.1 to 0.6 | - | |
| PRG21_RA | 2.0±0.2 | 1.25±0.2 | 0.9±0.2 | 0.2 min. | 0.5 min. | |
| | | | | 0.2 min. | 0.5 min. | |

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http://www.murata.com/en/products/productdetail?partno=PRG03BC101RB7RL

Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|-----------|------------------|---------------------------------|
| RL | 180mm Paper Tape | 15000 |



1. Rapid operation to protect the circuit in an overcurrent condition abnormality such as a short circuit.

By removing the overcurrent condition, these products automatically return to the initial condition and can be used repeatedly.

2. Suitable for countermeasure to short circuit test in safety standard

3. Stable resistance after operation due to ceramic PTC

4. Similar size (0603 size) is possible due to the large capacity for electric power.

5. Possible to use these products as current limiting resistors with overcurrent protection functions

6. SMD type is helpful for miniaturizing circuits because of its small size and light weight.

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Attention

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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.

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Specifications

Max. Voltage 15V Hold Current(25°C) 19mA Hold Current (2) 12mA Measure Condition of Hold (at +60°C) Current (2) Hold Current (3) 6mA Measure Condition of Hold (at +75°C) Current (3) Trip Current(25°C) 45mA Trip Current(2) 57mA Measure Condition of Trip (at -20°C) Current(2) Max. Current 174mA Resistance (25°C) 100Ω Resistance Value Tolerance ±20Ω (at 25°C) 90°C Curie Point(typ.) **Operating Temperature** -20°C to 75°C Range Size Code (in mm) 0.6x0.3mm 0.2x0.1inch Size Code (in inch) SMD Shape 0.00025g Mass MSL 1

Glossary of PTC thermistors

Related documents (UL, RoHS, etc.)

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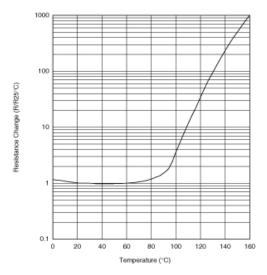
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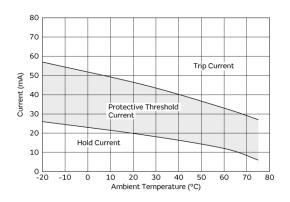
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Product Data





Resistance-Temperature Charac.

Protective Threshold Current Range

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