

Product Search Data Sheet

Please download the latest datasheet of PRG18BC100MM1RB from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PRG18BC100MM1RB

Note: This datasheet may be out of date.

PRG18BC100MM1RB











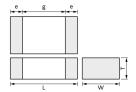
Applications

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





Part Number	Dimensions (mm)					
Part Nulliber	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.	
PRG21_RK	2.0±0.2	1.25±0.2	1.25±0.2	0.2 min.	0.5 min.	



Packaging Information

Packaging	Specifications	Standard Packing Quantity
RB	180mm Paper Tape	4000



Features

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
- 7. UL/cULcertified product.(UL1434, File No. E137188)

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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





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PRG18BC100MM1RB



Specifications

30V
80mA
33mA
(at +85°C)
165mA
235mA
(at -20°C)
3800mA
10Ω
±20%
90℃
-20°C to 85°C
1.6x0.8mm
0.6x0.3inch
SMD
0.004g
1

- Glossary of PTC thermistors
- Related documents (UL, RoHS, etc.)

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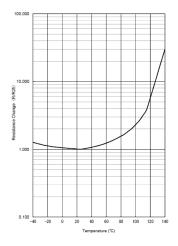
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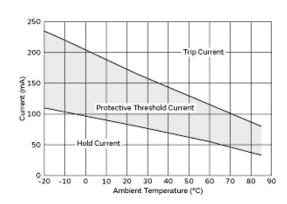
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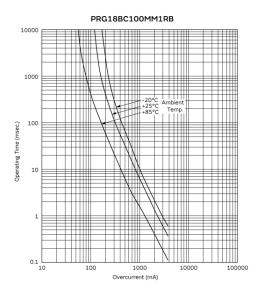
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Resistance-Temperature Charac.



Protective Threshold Current Range

Operating Time (Typical Curve)

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