

Please download the latest datasheet of PRG18BC1R0MM1RB from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=PRG18BC1R0MM1RB

Note: This datasheet may be out of date.

PRG18BC1R0MM1RB











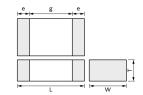
Applications

Unsuitable	Please be sure to read and comply with			
Applications	these "Precautions for use."			
Applications 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 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.	
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
- 3. Stable resistance after operation due to ceramic PTC
- 4. Similar size (0603 size) is possible due to the large capacity for
- 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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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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Specifications

6V
330mA
120mA
(at +85°C)
740mA
880mA
(at -20°C)
7500mA
1Ω
±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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Product Search Data Sheet

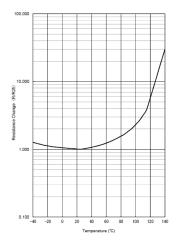
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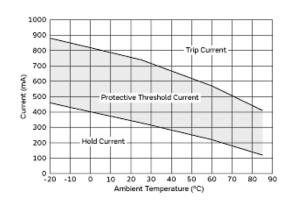
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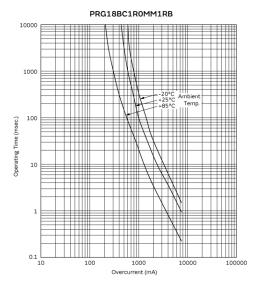
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Resistance-Temperature Charac.



Protective Threshold Current Range

Operating Time (Typical Curve)

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