

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of PRG18BC150MM1RB from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=PRG18BC150MM1RB

PRG18BC150MM1RB











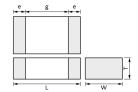
Applications

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 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 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

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Specifications

30V		
64mA		
27mA		
(at +85°C)		
135mA		
190mA		
(at -20°C)		
2500mA		
15Ω		
±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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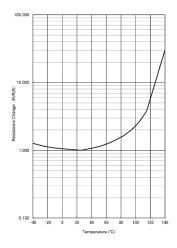
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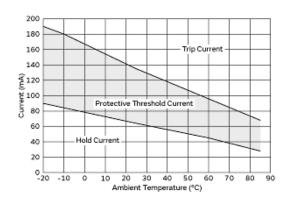
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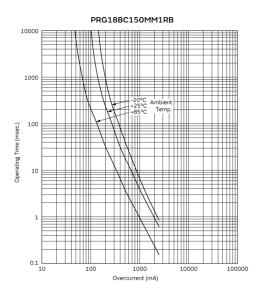
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Resistance-Temperature Charac.



Operating Time (Typical Curve)

Protective Threshold Current Range

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