

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Note: This datasheet may be out of date.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











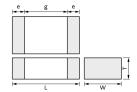
Applications

Unsuitable	Please be sure to read and comply with		
Applications	these "Precautions for use."		
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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Specifications

Max. Voltage	30V
Hold Current(25°C)	64mA
Hold Current (2)	27mA
Measure Condition of Hold Current (2)	(at +85°C)
Trip Current(25°C)	135mA
Trip Current(2)	190mA
Measure Condition of Trip Current(2)	(at -20°C)
Max. Current	2500mA
Resistance (25°C)	15Ω
Resistance Value Tolerance (at 25°C)	±20%
Curie Point(typ.)	90℃
Operating Temperature Range	-20°C to 85°C
Size Code (in mm)	1.6x0.8mm
Size Code (in inch)	0.6x0.3inch
Shape	SMD
Mass	0.004g
MSL	1

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

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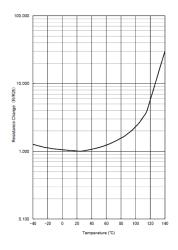
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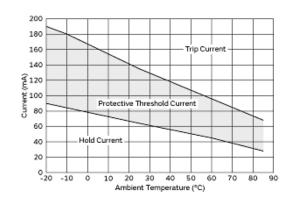
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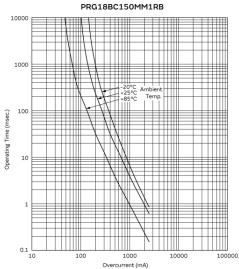
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Resistance-Temperature Charac.



Operating Time (Typical Curve)

Protective Threshold Current Range

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