

#### Product Search Data Sheet

Please download the latest datasheet of PRG21BB150MB1RK from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PRG21BB150MB1RK

Note: This datasheet may be out of date.

### PRG21BB150MB1RK











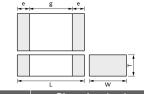
### **Applications**

Unsuitable	Please be sure to read and comply with		
Applications	these "Precautions for use."		
Applications  Specific Applications	these "Precautions for use."  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					
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	
RK	180mm Embossed Tape	3000	



### **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 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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## **Specifications**

20V		
59mA		
40mA		
(at +60°C)		
116mA		
140mA		
(at -10°C)		
1600mA		
15Ω		
±20%		
100°C		
-10°C to 60°C		
2.0x1.25mm		
0.8x0.5inch		
SMD		
0.017g		
1		

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

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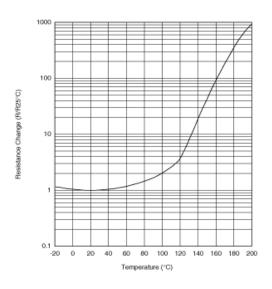
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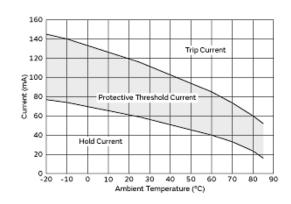
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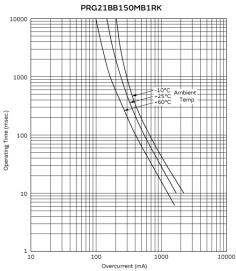


### **Product Data**





### Resistance-Temperature Charac.



# Operating Time (Typical Curve)

Protective Threshold Current Range

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