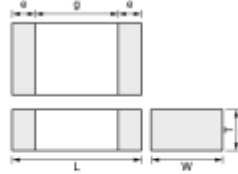


PRG21BB150MB1RK

In Production Recommended RoHS REACH

Appearance & Shape



Part Number	Dimensions (mm)				
	L	W	T	e	g
PRG15_RC	1.0±0.05	0.5±0.05	0.5±0.05	0.15 to 0.4	-
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.	-

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. Lead is not contained in the terminations

Applications

Limited Usage	Consumer Grade
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Packaging Information

Packaging	Specifications	Minimum Order Quantity
RK	180mm Embossed Tape	3000

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

PRG21BB150MB1RK



Specifications

Max. Voltage	20V	Mass	0.017g
Hold Current(25°C)	59mA		
Measure Condition of Hold Current	(at +25°C)		
Hold Current (2)	40mA		
Measure Condition of Hold Current (2)	(at +60°C)		
Trip Current	116mA		
Measure Condition of Trip Current	(at +25°C)		
Trip Current(2)	145mA		
Measure Condition of Trip Current(2)	(at -20°C)		
Max. Current	1600mA		
Resistance (25°C)	15Ω		
Resistance Value Tolerance (at 25°C)	±20%		
Curie Point(typ.)	100°C		
Operating Temperature Range	-20°C to 60°C		
Size Code (in mm)	2.0x1.25mm		
Size Code (in inch)	0.8x0.5inch		
Shape	SMD		

Attention

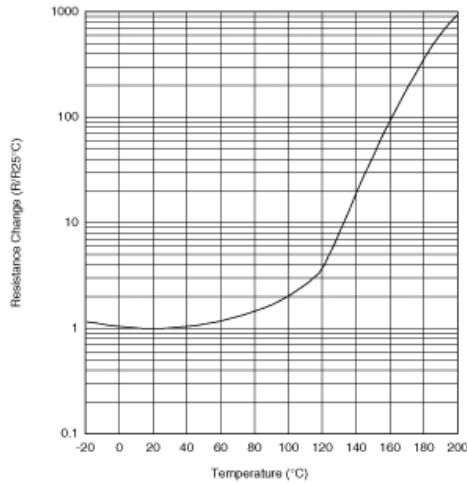
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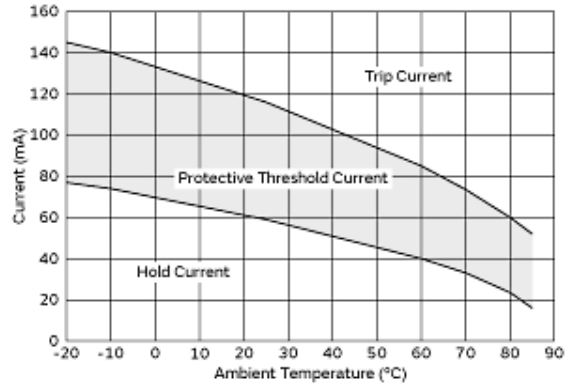
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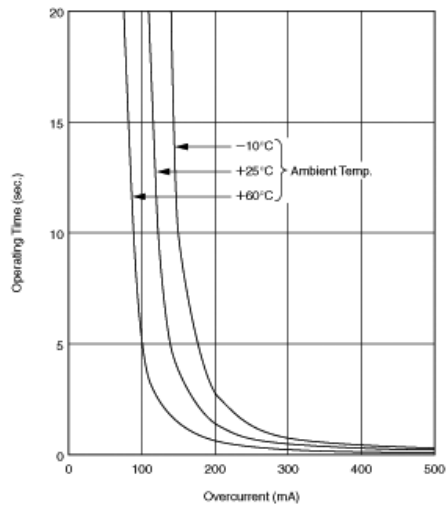
Product Data



Resistance-Temperature Charac.



Protective Threshold Current Range



Operating Time (Typical Curve)

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