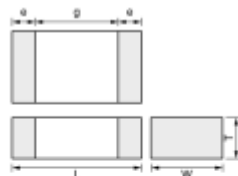


# PRG18BC2R2MM1RB

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.	-

## Applications

Limited Usage Consumer Grade

## Packaging Information

Packaging	Specifications	Minimum Order 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. Lead is not contained in the terminations

### 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.

# PRG18BC2R2MM1RB



## Specifications

Max. Voltage	12V
Hold Current	80mA
Measure Condition of Hold Current	(at +85°C)
Hold Current (2)	220mA
Measure Condition of Hold Current (2)	(at +25°C)
Trip Current	500mA
Measure Condition of Trip Current	(at +25°C)
Trip Current(2)	625mA
Measure Condition of Trip Current(2)	(at -20°C)
Max. Current	6500mA
Resistance (25°C)	2.2Ω
Resistance Value Tolerance (at 25°C)	±20%
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

### Attention

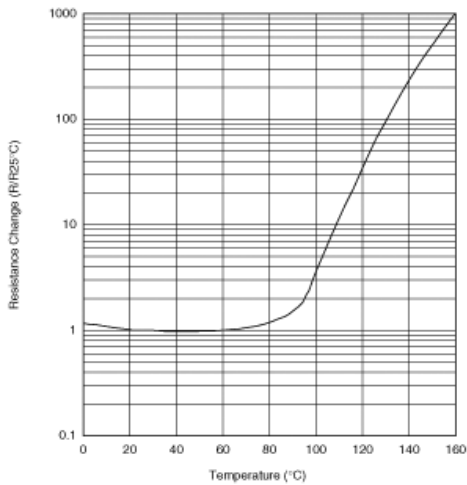
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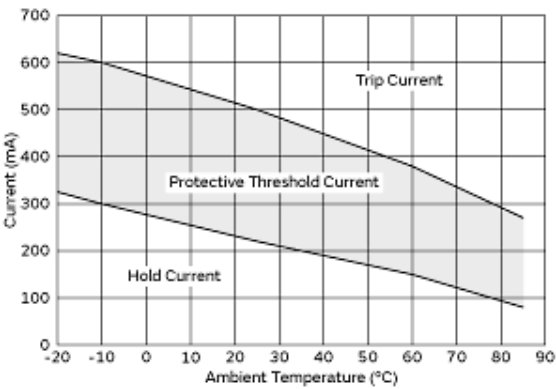
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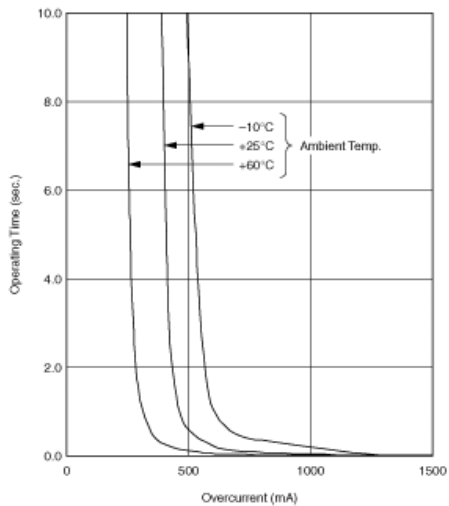
## Product Data



Resistance-Temperature Charac.



Protective Threshold Current Range



Operating Time (Typical Curve)

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