

Product Search Data Sheet

## PRG21BC3R3MM1RA

In Production Recommended RoHS REACH

### Applications

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Consumer equipment, Industrial
Specific Applications	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



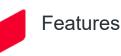
e I	g I	e e	4			
		-				
	Dimensions (mm)					
		Dimen	sions (I	mm)		
Part Number	L	Dimen W	sions (I T	mm) e	g	
Part Number PRG03_RL	L	w	Т	r í	g -	
	L 0.60±0.05	W 0.30±0.05	T 0.30±0.05	e 0.10 to 0.20	g - -	
PRG03_RL	L 0.60±0.05 1.0±0.05	W 0.30±0.05 0.5±0.05	T 0.30±0.05 0.5±0.05	e 0.10 to 0.20 0.15 to 0.40	g - -	
PRG03_RL PRG15_RC	L 0.60±0.05 1.0±0.05 1.6±0.15	W 0.30±0.05 0.5±0.05 0.8±0.15	T 0.30±0.05 0.5±0.05 0.8±0.15	e 0.10 to 0.20 0.15 to 0.40 0.1 to 0.6	g - - 0.5 min.	

Note: This datasheet may be out of date. Please download the latest datasheet of PRG21BC3R3MM1RA from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=PRG21BC3R3MM1RA

### Packaging Information

Packaging	Specifications	Standard Packing Quantity
RA	180mm Embossed Tape	4000



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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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

Max. Voltage	20V
Hold Current(25°C)	180mA
Hold Current (2)	75mA
Measure Condition of Hold Current (2)	(at +85℃)
Trip Current(25°C)	400mA
Trip Current(2)	500mA
Measure Condition of Trip Current(2)	(at -20°C)
Max. Current	7500mA
Resistance (25°C)	3.3Ω
Resistance Value Tolerance (at 25°C)	±20%
Curie Point(typ.)	90°C
Operating Temperature Range	-20°C to 85°C
Size Code (in mm)	2.0x1.25mm
Size Code (in inch)	0.8x0.5inch
Shape	SMD
Mass	0.009g
MSL	1

Glossary of PTC thermistors

Related documents (UL, RoHS, etc.)

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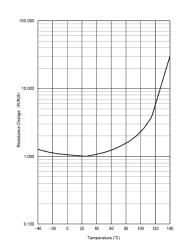


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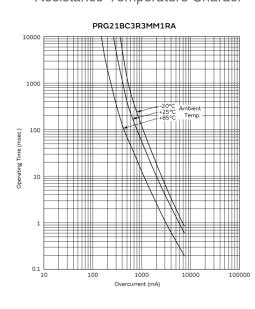
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Product Data

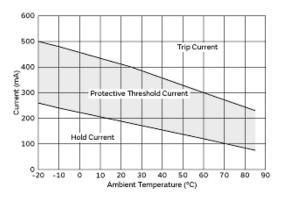
INNOVATOR IN ELECTRONIC







Operating Time (Typical Curve)



### Protective Threshold Current Range

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