

NAVATOR IN SUSCESSION

Please download the latest datasheet of PRG21BC0R2MM1RA from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PRG21BC0R2MM1RA

Note: This datasheet may be out of date.

PRG21BC0R2MM1RA











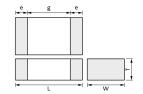
Applications

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





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Part Number	Dimensions (mm)					
Pait Nullibei	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
RA	180mm Embossed 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. UL/cULcertified product.(UL1434, File No. E137188)

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Attention

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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

6V		
750mA		
315mA		
(at +85°C)		
1620mA		
2100mA		
(at -20°C)		
10000mA		
0.2Ω		
±20%		
90℃		
-20°C to 85°C		
2.0x1.25mm		
0.8x0.5inch		
SMD		
0.009g		
1		

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

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Product Search Data Sheet

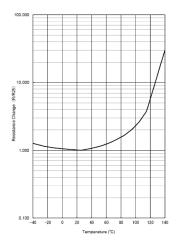
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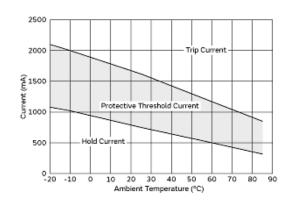
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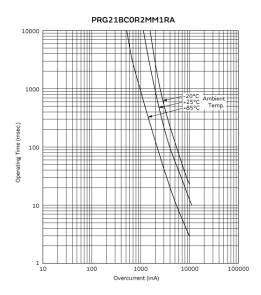
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Resistance-Temperature Charac.



Operating Time (Typical Curve)

Protective Threshold Current Range

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