

Product Search Data Shee

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

Note: This datasheet may be out of date.

PRG21BC3R3MM1RA











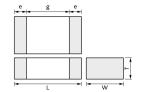
Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Consumer equipment,Industrial	
	Equipment,Medical equipment [GHTF	
	A/B]	
	Please refer to Our Website and	
Specific	specifications, etc. for information about	
'	the performance, functions, quality,	
Applications	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 Number	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	8±0.15 0.8±0.15 0.1 to 0.6 - 25±0.2 0.9±0.2 0.2 min. 0.5	-		
PRG21_RA	2.0±0.2	1.25±0.2		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
- 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

20V
180mA
75mA
(at +85°C)
400mA
500mA
(at -20°C)
7500mA
3.3Ω
±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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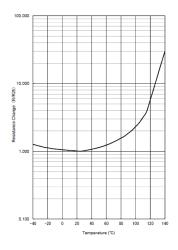
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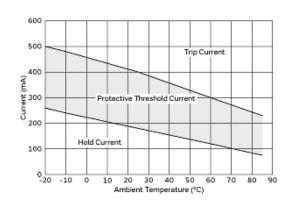
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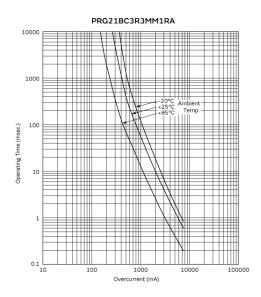
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Resistance-Temperature Charac.



Operating Time (Typical Curve)

Protective Threshold Current Range

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