

Product Search Data Sheet

PRG21BC1R0MM1RK

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 •••	g e					
4	L	•				
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	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.	

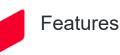
Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of PRG21BC1R0MM1RK from the official website of Murata

http://www.murata.com/en-gb/products/productdetail?partno=PRG21BC1R0MM1RK

Packaging Information

I	Packaging	Specifications	Standard Packing Quantity
1	RK	180mm Embossed Tape	3000



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	16V
Hold Current(25°C)	330mA
Hold Current (2)	138mA
Measure Condition of Hold Current (2)	(at +85℃)
Trip Current(25°C)	740mA
Trip Current(2)	880mA
Measure Condition of Trip Current(2)	(at -20°C)
Max. Current	20000mA
Resistance (25°C)	1Ω
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	0.014g
MSL	1

Glossary of PTC thermistors

Related documents (UL, RoHS, etc.)

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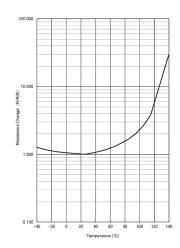
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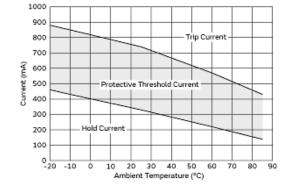
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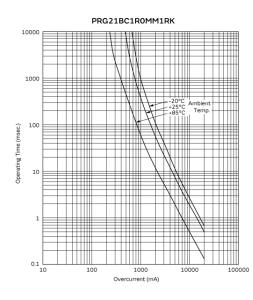


INNOVATOR IN ELECTRONIC









Operating Time (Typical Curve)



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