

PRG21AR220MS1RK

Note: This datasheet may be out of date.

Please download the latest datasheet of PRG21AR220MS1RK from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PRG21AR220MS1RK













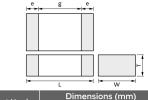
Applications

Unsuitable	Please be sure to read and comply with			
Applications	these "Precautions for use."			
	Automotive infotainment/comfort			
	equipment			
	Please refer to Our Website and			
	specifications, etc. for information about			
Specific	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	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	
RK	180mm Embossed Tape	3000	



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

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's 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





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Specifications

16V
75mA
45mA
(at +85°C)
25mA
(at +105°C)
195mA
250mA
(at -40°C)
900mA
22Ω
±20%
120℃
-40°C to 105°C
2.0x1.25mm
0.8x0.5inch
SMD
0.017g

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

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Product Search Data Sheet

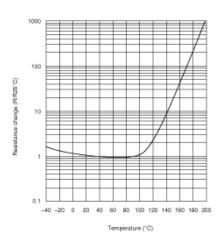
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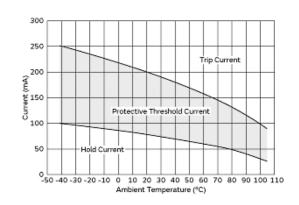
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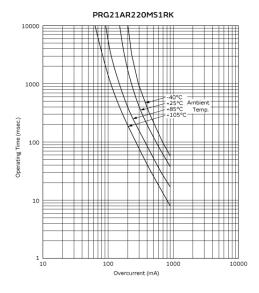


Product Data





Resistance-Temperature Charac.



Operating Time (Typical Curve)

Protective Threshold Current Range

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