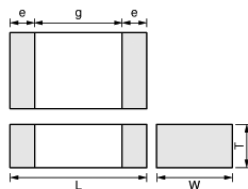


PRG21AR220MS1RK



Appearance & Shape



Part Number	Dimensions (mm)				
	L	W	T	e	g
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.

Applications

Limited Usage	Automotive Grade
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Packaging Information

Packaging	Specifications	Minimum Order 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 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. Lead is not contained in the terminations

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.

PRG21AR220MS1RK



Specifications

Max. Voltage	16V	Mass	0.017g
Hold Current	25mA		
Measure Condition of Hold Current	(at +105°C)		
Hold Current (2)	45mA		
Measure Condition of Hold Current (2)	(at +85°C)		
Hold Current (3)	75mA		
Measure Condition of Hold Current (3)	(at +25°C)		
Trip Current	195mA		
Measure Condition of Trip Current	(at +25°C)		
Trip Current(2)	250mA		
Measure Condition of Trip Current(2)	(at -40°C)		
Max. Current	900A		
Resistance (25°C)	22Ω		
Resistance Value Tolerance (at 25°C)	±20%		
Operating Temperature Range	-40°C to 105°C		
Size Code (in mm)	2.0x1.25mm		
Shape	SMD		

Attention

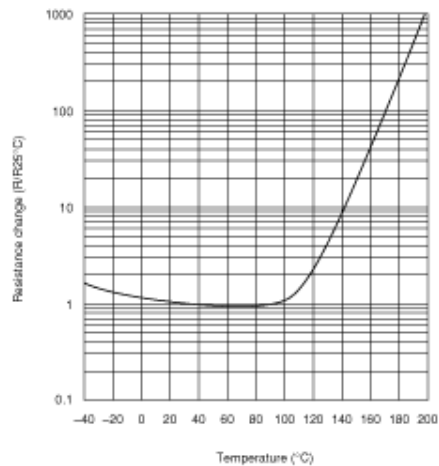
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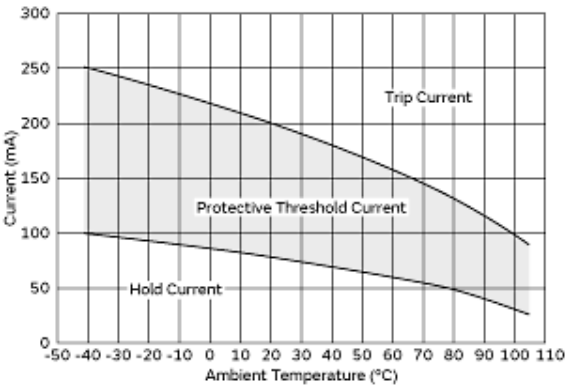
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PRG21AR220MS1RK

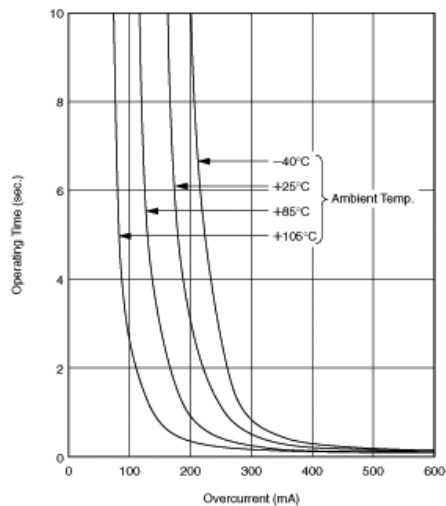
Product Data



Resistance-Temperature Charac.



Protective Threshold Current Range



Operating Time (Typical Curve)

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