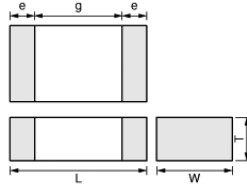


# PRG21AR420MS1RA



## Appearance & Shape



Part Number	Dimensions (mm)				
	L	W	T	e	g
<b>PRG21_RA</b>	2.0±0.2	1.25±0.2	0.9±0.2	0.2 min.	0.5 min.
<b>PRG21_RK</b>	2.0±0.2	1.25±0.2	1.25±0.2	0.2 min.	0.5 min.

## 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

## Applications

Limited Usage	Automotive Grade
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## Packaging Information

Packaging	Specifications	Minimum Order Quantity
RA	180mm Embossed Tape	4000

### Attention

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

# PRG21AR420MS1RA



## Specifications

Max. Voltage	20V	Shape	SMD
Hold Current	15mA	Mass	0.011g
Measure Condition of Hold Current	(at +105°C)		
Hold Current (2)	25mA		
Measure Condition of Hold Current (2)	(at +85°C)		
Hold Current (3)	54mA		
Measure Condition of Hold Current (3)	(at +25°C)		
Trip Current	102mA		
Measure Condition of Trip Current	(at +25°C)		
Trip Current(2)	130mA		
Measure Condition of Trip Current(2)	(at -40°C)		
Max. Current	590A		
Resistance (25°C)	42Ω		
Resistance Value Tolerance (at 25°C)	±20%		
Operating Temperature Range	-40°C to 105°C		
Size Code (in mm)	2.0x1.25mm		
Size Code (in inch)	0.8x0.5inch		

### Attention

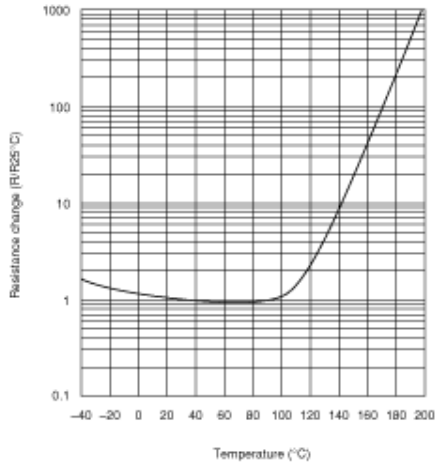
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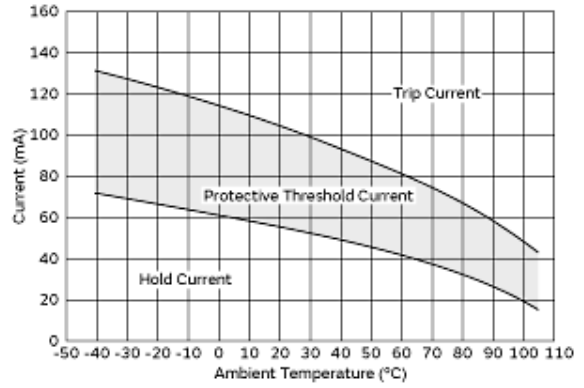
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# PRG21AR420MS1RA

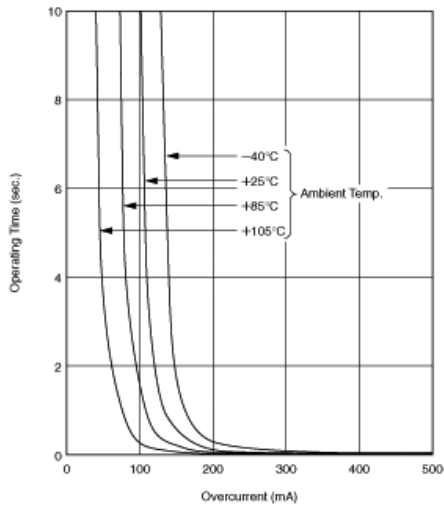
## Product Data



Resistance-Temperature Charac.



Protective Threshold Current Range



Operating Time (Typical Curve)

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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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