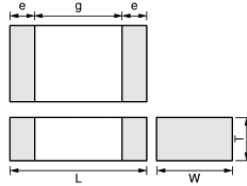


# PRG21AR420MS1RA



## 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

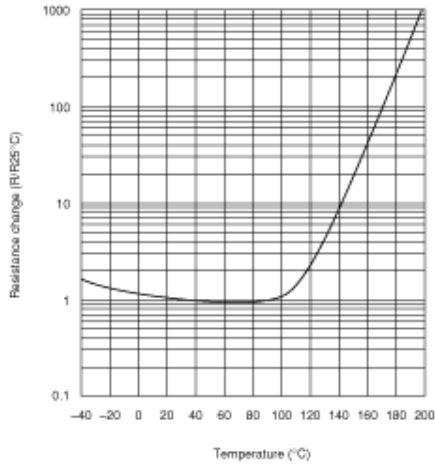
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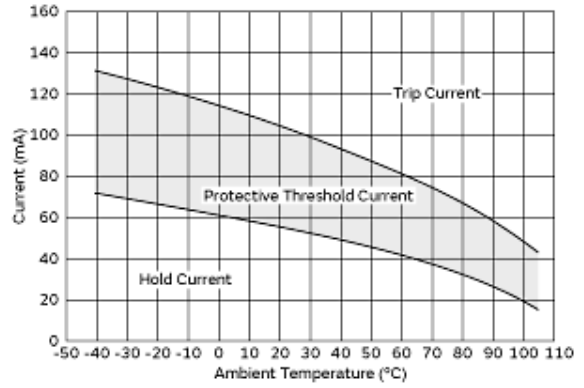
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# PRG21AR420MS1RA

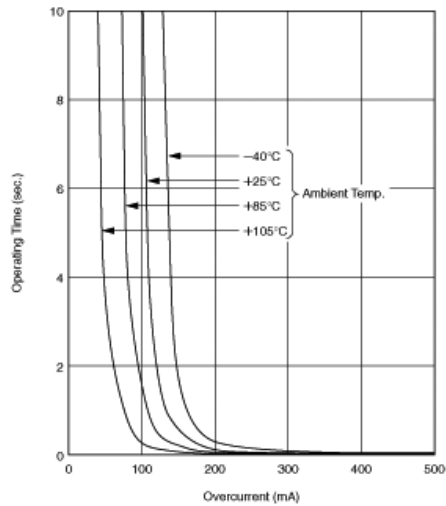
## Product Data



Resistance-Temperature Charac.



Protective Threshold Current Range



Operating Time (Typical Curve)

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Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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