

# PRG21AR4R7MS5RA

Note: This datasheet may be out of date.

Please download the latest datasheet of PRG21AR4R7MS5RA from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=PRG21AR4R7MS5RA

In Production











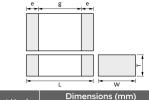
# **Applications**

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±0.1	0.8±0.15	0.8±0.15 0.1 to 0.6	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.	
DDC21 DK	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
RA	180mm Embossed Tape	4000



## **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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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



## Product Search Data Sheet

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# PRG21AR4R7MS5RA



# **Specifications**

16V
205mA
110mA
(at +85°C)
75mA
(at +105°C)
390mA
525mA
(at -40°C)
4260mA
4.7Ω
±20%
120℃
-40°C to 105°C
2.0x1.25mm
0.8x0.5inch
SMD
0.009g
1

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

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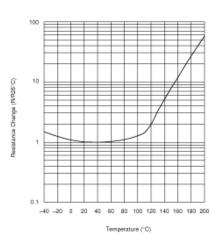
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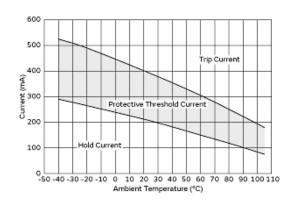
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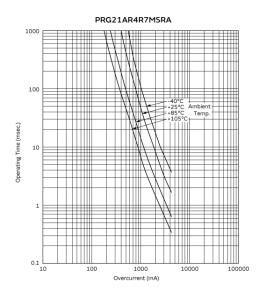


## **Product Data**





## Resistance-Temperature Charac.



## Operating Time (Typical Curve)

## Protective Threshold Current Range

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