

PRG15BC470MM1RC

Recommended ● In Production

PRG15BC470MM1RC



Applications

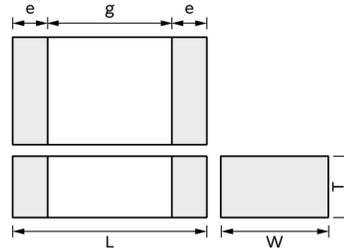
Unsuitable Applications	Please be sure to read and comply with these " Precautions for use ".
Specific Applications	Consumer equipment , Industrial Equipment , Mobile Electronics Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.

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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Appearance & Shape



Part Number	Dimensions (mm)				
	L	W	T	e	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.

LW Size (in inch)	0.4×0.2inch
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Specifications

Max. Voltage	30V
Hold Current(25°C)	32mA
Hold Current (2)	12mA (at +85°C)
Trip Current(25°C)	62mA
Trip Current(2)	82mA (at -20°C)
Max. Current	800mA
Resistance (25°C)	47Ω
Resistance Value Tolerance (at 25°C)	±20%
Curie Point(typ.)	90°C
Operating Temperature	-20 ~ 85°C
Shape	SMD
MSL	1

Glossary of PTC thermistors

Related documents (UL, RoHS, etc.)

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. UL/cULcertified product.(UL1434, File No. E137188)

References

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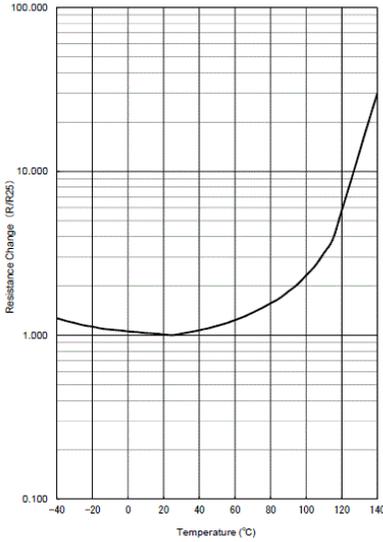
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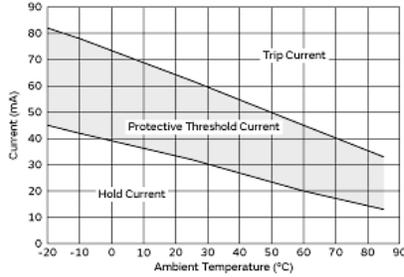
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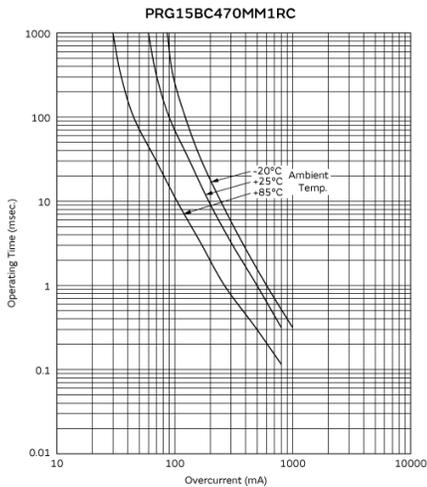
Product Data



Resistance-Temperature Charac.



Protective Threshold Current Range



Operating Time (Typical Curve)

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