muRata
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of PRG21BB150MB1RK from the official website of Murata Manufacturing Co., Ltd.
https://www.murata.com/en-us/products/productdetail?partno=PRG21BB150MB1RK

PRG21BB150MB1RK

In Production | Recommended | RoHS | REACH

Appearance & Shape
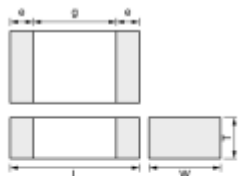
Part Number	Dimensions (mm)				
	L	W	T	e	g
PRG15_RC	1.0±0.05	0.5±0.05	0.5±0.05	0.15 to 0.4	-
PRG18_RB	1.6±0.15	0.8±0.15	0.8±0.15	0.1 to 0.6	-
PRG21_RA	2.0±0.2	1.25±0.2	0.9±0.2	0.2 min.	0.5 min.
PRG21_RK	2.0±0.2	1.25±0.2	1.25±0.2	0.2 min.	0.5 min.

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	Consumer Grade

Packaging Information

Packaging	Specifications	Minimum Order Quantity
RK	180mm Embossed Tape	3000

PRG21BB150MB1RK

Specifications

Max. Voltage	20V
Hold Current	40mA
Measure Condition of Hold Current	(at +60℃)
Hold Current (2)	59mA
Measure Condition of Hold Current (2)	(at +25℃)
Trip Current	116mA
Measure Condition of Trip Current	(at +25℃)
Trip Current(2)	145mA
Measure Condition of Trip Current(2)	(at -20℃)
Max. Current	1600mA
Resistance (25℃)	15Ω
Resistance Value Tolerance (at 25℃)	±20%
Operating Temperature Range	-20℃ to 60℃
Size Code (in mm)	2.0x1.25mm
Size Code (in inch)	0.8x0.5inch
Shape	SMD
Mass	0.017g

URL : https://www.murata.com/

Last updated：2019/04/11

PRG21BB150MB1RK

Product Data

Resistance-Temperature Charac.

Protective Threshold Current Range
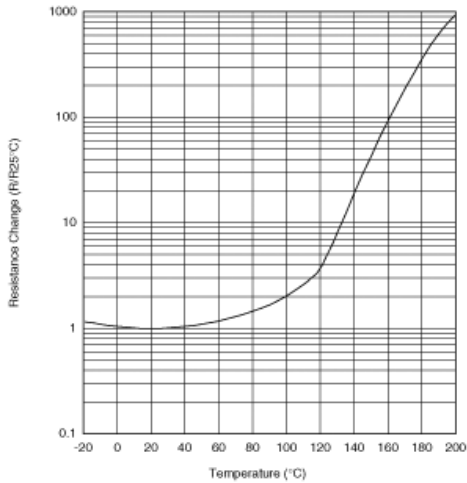

Operating Time (Typical Curve)

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.
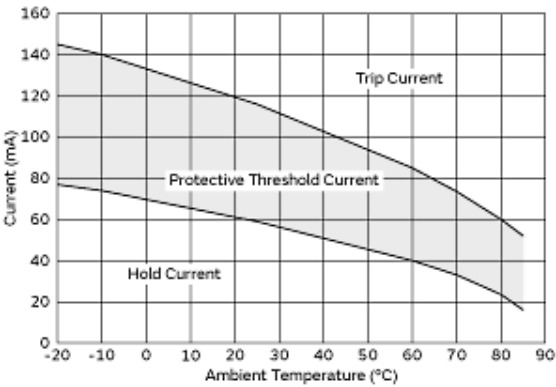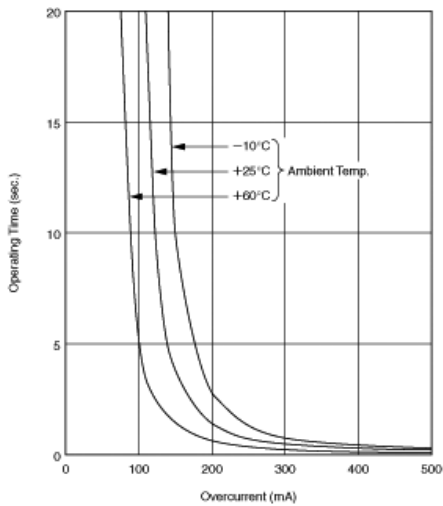
2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

URL : https://www.murata.com/

Last updated：2019/04/11