

● Part Numbering

PTC Thermistors (POSISTOR®) for Overcurrent Protection Chip Type

(Part Number)

PR	G	18	BB	470	M	B1	RB
①	②	③	④	⑤	⑥	⑦	⑧

① Product ID

Product ID	
PR	PTC Thermistors Chip Type

② Series

Code	Series
G	for Overcurrent Protection

③ Dimensions (L×W)

Code	Dimensions (L×W)	EIA
15	1.00×0.50mm	0402
18	1.60×0.80mm	0603
21	2.00×1.25mm	0805

④ Temperature Characteristics

Code	Temperature Characteristics
BB	Curie Point 100°C
BC	Curie Point 90°C

⑤ Resistance

Expressed by three-digit alphanumerics. The unit is ohm (Ω). The first and second figures are significant digits, and the third figure expresses the number of zeros which follow the two figures. If there is a decimal point, it is expressed by the capital letter "R." In this case, all figures are significant digits.

Ex.

Code	Resistance
4R7	4.7 Ω
470	47 Ω
471	470 Ω

⑥ Resistance Tolerance

Code	Resistance Tolerance
M	±20%

⑦ Individual Specifications

Ex.

Code	Individual Specifications
B1	Structure, others

⑧ Packaging

Code	Packaging
RA	Embossed Taping (4mm Pitch) (4000 pcs.)
RB	Paper Taping (4mm Pitch) (4000 pcs.)
RC	Paper Taping (2mm Pitch) (10000 pcs.)
RK	Embossed Taping (4mm Pitch) (3000 pcs.)