

## ● Part Numbering

### PTC Thermistors (POSISTOR®) for Overcurrent Protection Chip Type

(Part Number)

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

#### ① Product ID

Product ID	
<b>PR</b>	PTC Thermistors Chip Type

#### ② Series

Code	Series
<b>G</b>	for Overcurrent Protection

#### ③ Dimensions (L×W)

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

#### ④ Temperature Characteristics

Code	Temperature Characteristics
<b>BB</b>	Curie Point 100°C
<b>BC</b>	Curie Point 90°C

#### ⑤ Resistance

Expressed by three-digit alphanumerics. The unit is ohm ( $\Omega$ ). 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
	<b>4R7</b>	4.7 $\Omega$
	<b>470</b>	47 $\Omega$
	<b>471</b>	470 $\Omega$

#### ⑥ Resistance Tolerance

Code	Resistance Tolerance
<b>M</b>	$\pm 20\%$

#### ⑦ Individual Specifications

Ex.	Code	Individual Specifications
	<b>B1</b>	Structure, others

#### ⑧ Packaging

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