

## ● Part Numbering

### PTC Thermistors (POSISTOR®) for Overcurrent Protection / for Overheat Sensing Lead Type

(Part Number)

<b>PT</b>	<b>GL</b>	<b>07</b>	<b>AR</b>	<b>220</b>	<b>M</b>	<b>3P51</b>	<b>A0</b>
①	②	③	④	⑤	⑥	⑦	⑧

#### ① Product ID

Product ID	
<b>PT</b>	PTC Thermistors

#### ② Series

Code	Series
<b>FL</b>	for Overheat Sensing Lead Type
<b>FM</b>	for Overheat Sensing with Lug-terminal
<b>GL</b>	for Current Control (Over Current Protection · Inrush Current Suppression) Lead Type

#### ③ Dimensions

Code	Dimensions
<b>04</b>	Nominal Body Diameter 4mm Series
<b>05</b>	Nominal Body Diameter 5mm Series
<b>07</b>	Nominal Body Diameter 7mm Series
<b>09</b>	Nominal Body Diameter 9mm Series
<b>10</b>	Nominal Body Diameter 10mm Series
<b>12</b>	Nominal Body Diameter 12mm Series
<b>13</b>	Nominal Body Diameter 13mm Series
<b>14</b>	Nominal Body Diameter 14mm Series
<b>16</b>	Nominal Body Diameter 16mm Series
<b>18</b>	Nominal Body Diameter 18mm Series
<b>20</b>	Nominal Body Diameter 20mm Series

#### ④ Temperature Characteristics

Code	Temperature Characteristics
<b>AR</b>	Curie Point 120°C
<b>AS</b>	Curie Point 130°C
<b>BA</b>	Curie Point 110°C
<b>BB</b>	Curie Point 100°C
<b>BC</b>	Curie Point 90°C
<b>BD</b>	Curie Point 80°C
<b>BE</b>	Curie Point 70°C
<b>BF</b>	Curie Point 60°C
<b>BG</b>	Curie Point 50°C
<b>BH</b>	Curie Point 40°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>R22</b>	0.22 $\Omega$
<b>2R2</b>	2.2 $\Omega$
<b>220</b>	22 $\Omega$

#### ⑥ Resistance Tolerance

Code	Resistance Tolerance
<b>H</b>	$\pm 25\%$
<b>K</b>	$\pm 10\%$
<b>M</b>	$\pm 20\%$
<b>N</b>	$\pm 30\%$
<b>Q</b>	Special Tolerance

#### ⑦ Individual Specifications

Ex.

Code	Individual Specifications
<b>3P51</b>	Lead Type, others

#### ⑧ Packaging

Code	Packaging
<b>A*</b>	Ammo Pack
<b>B*</b>	Bulk