

● Part Numbering

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

(Part Number)

| | | | | | | | |
|-----------|-----------|-----------|-----------|------------|----------|-------------|-----------|
| PT | GL | 07 | AR | 220 | M | 3P51 | A0 |
| ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ |

① Product ID

| Product ID | |
|------------|-----------------|
| PT | PTC Thermistors |

② Series

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

③ Dimensions

| Code | Dimensions |
|-----------|-----------------------------------|
| 04 | Nominal Body Diameter 4mm Series |
| 05 | Nominal Body Diameter 5mm Series |
| 07 | Nominal Body Diameter 7mm Series |
| 09 | Nominal Body Diameter 9mm Series |
| 10 | Nominal Body Diameter 10mm Series |
| 12 | Nominal Body Diameter 12mm Series |
| 13 | Nominal Body Diameter 13mm Series |
| 14 | Nominal Body Diameter 14mm Series |
| 16 | Nominal Body Diameter 16mm Series |
| 18 | Nominal Body Diameter 18mm Series |
| 20 | Nominal Body Diameter 20mm Series |

④ Temperature Characteristics

| Code | Temperature Characteristics |
|-----------|-----------------------------|
| AR | Curie Point 120°C |
| AS | Curie Point 130°C |
| BA | Curie Point 110°C |
| BB | Curie Point 100°C |
| BC | Curie Point 90°C |
| BD | Curie Point 80°C |
| BE | Curie Point 70°C |
| BF | Curie Point 60°C |
| BG | Curie Point 50°C |
| BH | Curie Point 40°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 |
|------------|---------------|
| R22 | 0.22 Ω |
| 2R2 | 2.2 Ω |
| 220 | 22 Ω |

⑥ Resistance Tolerance

| Code | Resistance Tolerance |
|----------|----------------------|
| H | $\pm 25\%$ |
| K | $\pm 10\%$ |
| M | $\pm 20\%$ |
| N | $\pm 30\%$ |
| Q | Special Tolerance |

⑦ Individual Specifications

Ex.

| Code | Individual Specifications |
|-------------|---------------------------|
| 3P51 | Lead Type, others |

⑧ Packaging

| Code | Packaging |
|-----------|-----------|
| A* | Ammo Pack |
| B* | Bulk |