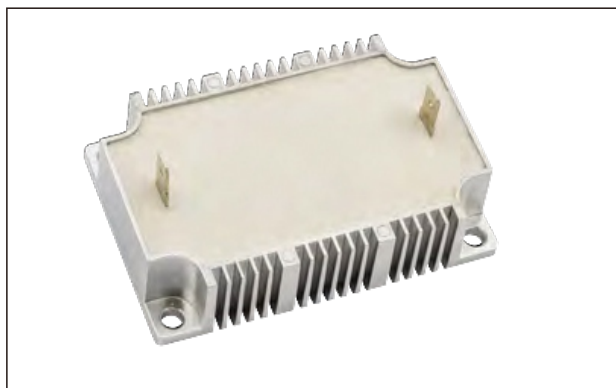


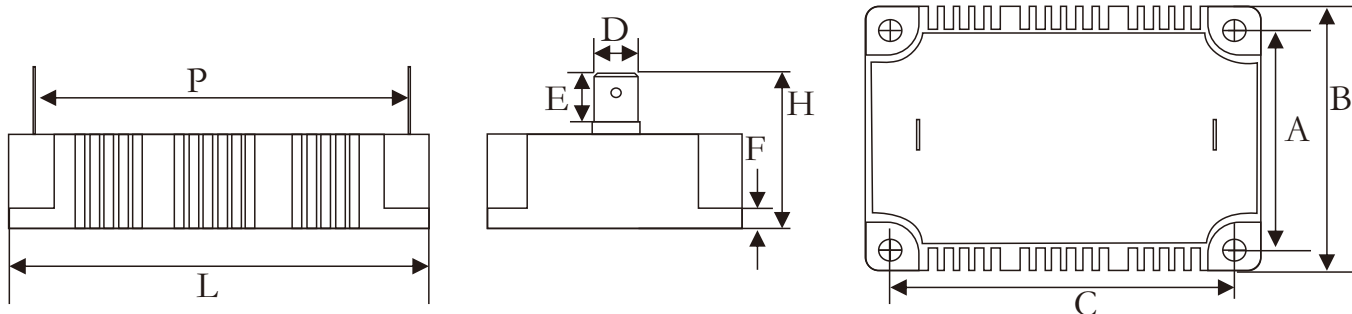


Absorbes high pulse energy within a very short period.  
Has high thermal capacity. Used in dumping, circuit breaking etc.

## ● Features

- I .Aluminum housing for better heat dissipation
- II .Different connection possible (FAST-ON, wires)

## ● Dimensions



| Type | Power<br>W | Dimensions(mm) |         |         |         |         |         |         |         |         |
|------|------------|----------------|---------|---------|---------|---------|---------|---------|---------|---------|
|      |            | A ± 0.3        | B ± 0.8 | C ± 0.3 | D ± 0.1 | E ± 0.2 | F ± 0.5 | H ± 1.2 | L ± 1.0 | P ± 1.5 |
| PCR9 | 150        | 50             | 60      | 80      | 6.3     | 10      | 4       | 35      | 90      | 70      |

## ● Applications And Ratings

| Type | power<br>(W) | Resistance<br>Range(Ω) | Resistance Tolerance | Maximum operating<br>voltage(v)     | T.C.R       | Maximum single-<br>impact energy |
|------|--------------|------------------------|----------------------|-------------------------------------|-------------|----------------------------------|
| PCR9 | 150          | 10~300Ω                | J ± 5 %<br>K ± 10 %  | ≤ 1000 V DC<br>(pre-charge voltage) | ± 500PPM/°C | 3000J(t=0.5S)                    |

## ● Ordering Information

Example:

|             |                 |                         |            |
|-------------|-----------------|-------------------------|------------|
| PCR9        | 150             | J                       | 100R0      |
| (1)         | (2)             | (3)                     | (4)        |
| Series Name | Power<br>Rating | Resistance<br>Tolerance | Resistance |

(1)Type: PCR9 SERIES

(2)Power Rating: 150=150W

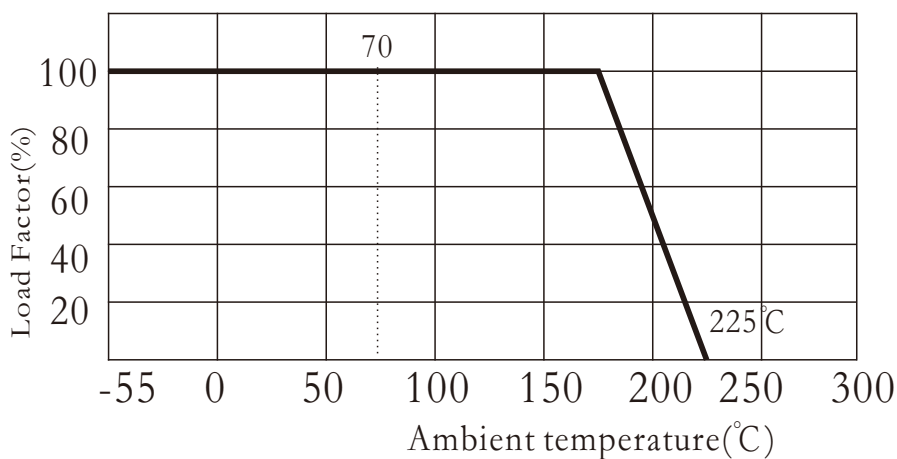
(3)Tolerance: J= ± 5%,K= ± 10%

(4)Resistance Value:10R0=10Ω、 100R0=100Ω

## Reference Standards

JISC 5201-1

## Derating Curve



## Performance

|                                    |                                                         |
|------------------------------------|---------------------------------------------------------|
| Resistance value                   | 10Ω ~ 300 Ω (other values on special request)           |
| Resistance tolerance               | ± 5 % to ± 10 %                                         |
| Temperature coefficient            | ± 500 ppm/°C (referenced to 25 °C, ΔR taken at ~ 105°C) |
| Power rating                       | 150 W at 70 °C Ta (90 s continuous operation)           |
| Operating voltage                  | ≤ 1000 V DC (pre-charge voltage)                        |
| Insulation resistance              | 1000 V DC, min. 500 MΩ                                  |
| Short time overload                | 3000 W, 70 °C 3 s                                       |
| Insulation layer withstand voltage | 3.5 kV rms, 50 Hz, 1 min.                               |
| Operating temperature              | - 55 °C to + 225 °C                                     |
| Mounting                           | M5 screw                                                |