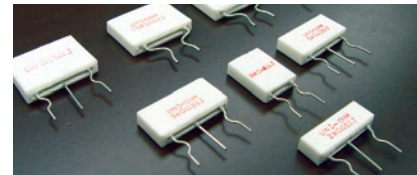
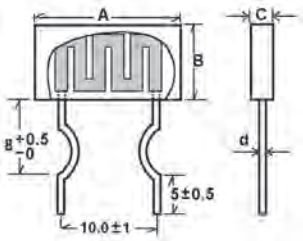


### Feature

- Low inductance
- Safety flameproof construction
- Thin & lightweight body save the PCB space considerably
- Automatically insertable

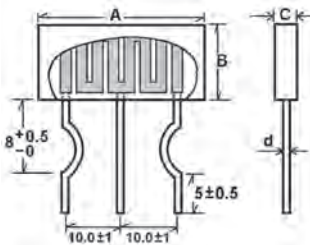


### PFAS (Single Circuit) Dimension (mm)



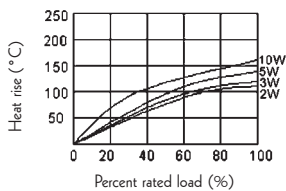
| Part No. | Type     | Power Rating at 70°C | Dimension (mm) |       |       |        | Resistance Range (5% & 10%) |
|----------|----------|----------------------|----------------|-------|-------|--------|-----------------------------|
|          |          |                      | A±0.5          | B±0.5 | C±0.5 | d±0.05 |                             |
| PFAS2W   | PFAS 2W  | 2W                   | 13.0           | 8.5   | 5.0   | 0.54   | 0.01Ω~1Ω                    |
| PFAS3W   | PFAS 3W  | 3W                   | 13.0           | 13.5  | 5.0   | 0.75   | 0.01Ω~1Ω                    |
| PFAS5W   | PFAS 5W  | 5W                   | 14.0           | 18.0  | 5.0   | 0.75   | 0.01Ω~1Ω                    |
| PFASAW   | PFAS 10W | 10W                  | 26.0           | 18.0  | 5.0   | 1.00   | 0.01Ω~3.3Ω                  |

### PFAT (Twin Circuit) Dimension (mm)

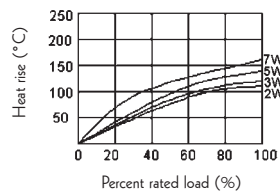


| Part No. | Type       | Power Rating at 70°C | Dimension (mm) |       |       |        | Resistance Range (5% & 10%) |
|----------|------------|----------------------|----------------|-------|-------|--------|-----------------------------|
|          |            |                      | A±0.5          | B±0.5 | C±0.5 | d±0.05 |                             |
| PFAT2W   | PFAT 2W+2W | 2W                   | 26.0           | 9.0   | 5.0   | 0.75   | 0.05Ω~1Ω                    |
| PFAT3W   | PFAT 3W+3W | 3W                   | 26.0           | 13.0  | 5.0   | 0.75   | 0.05Ω~1Ω                    |
| PFAT5W   | PFAT 5W+5W | 5W                   | 26.0           | 18.0  | 5.0   | 0.75   | 0.05Ω~1Ω                    |
| PFAT7W   | PFAT 7W+7W | 7W                   | 26.0           | 20.0  | 5.0   | 1.00   | 0.1Ω~1Ω                     |

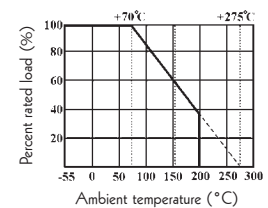
### Heat Rise Chart (PFAS)



### Heat Rise Chart (PFAT)



### Derating Curve



Performance Specification

|                                 |   |
|---------------------------------|---|
| Temperature coefficient         | $\leq \pm 350\text{PPM}^{\circ}\text{C}$                          |
| Short-time overload             | $\Delta R/R \leq \pm 2\%$ , with no evidence of mechanical damage |
| Dielectric withstanding voltage | 2,000V  |
| Operating temperature           | $-55^{\circ}\text{C} \sim +200^{\circ}\text{C}$                   |
| Terminal strength               | No evidence of mechanical damage                                  |
| Resistance to soldering heat    | $\Delta R/R \leq \pm 1\%$ , with no evidence of mechanical damage |
| Solderability                   | Min. 95% coverage   |
| Resistance to solvent           | $\Delta R/R \leq \pm 1\%$   |
| Temperature cycling             | $\Delta R/R \leq \pm 5\%$ , with no evidence of mechanical damage |
| Humidity (Steady State)         | $\Delta R/R \leq \pm 5\%$ , with no evidence of mechanical damage |
| Load life in humidity           | $\Delta R/R \leq \pm 5\%$ , with no evidence of mechanical damage |
| Load life                       | $\Delta R/R \leq \pm 5\%$ , with no evidence of mechanical damage |

Ordering Procedure (Example: PFAS 5W 5% 0.68Ω, B/B)

