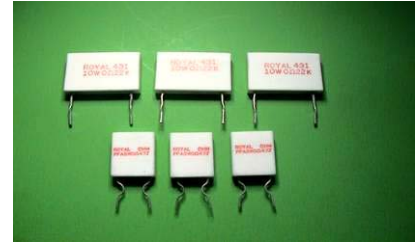


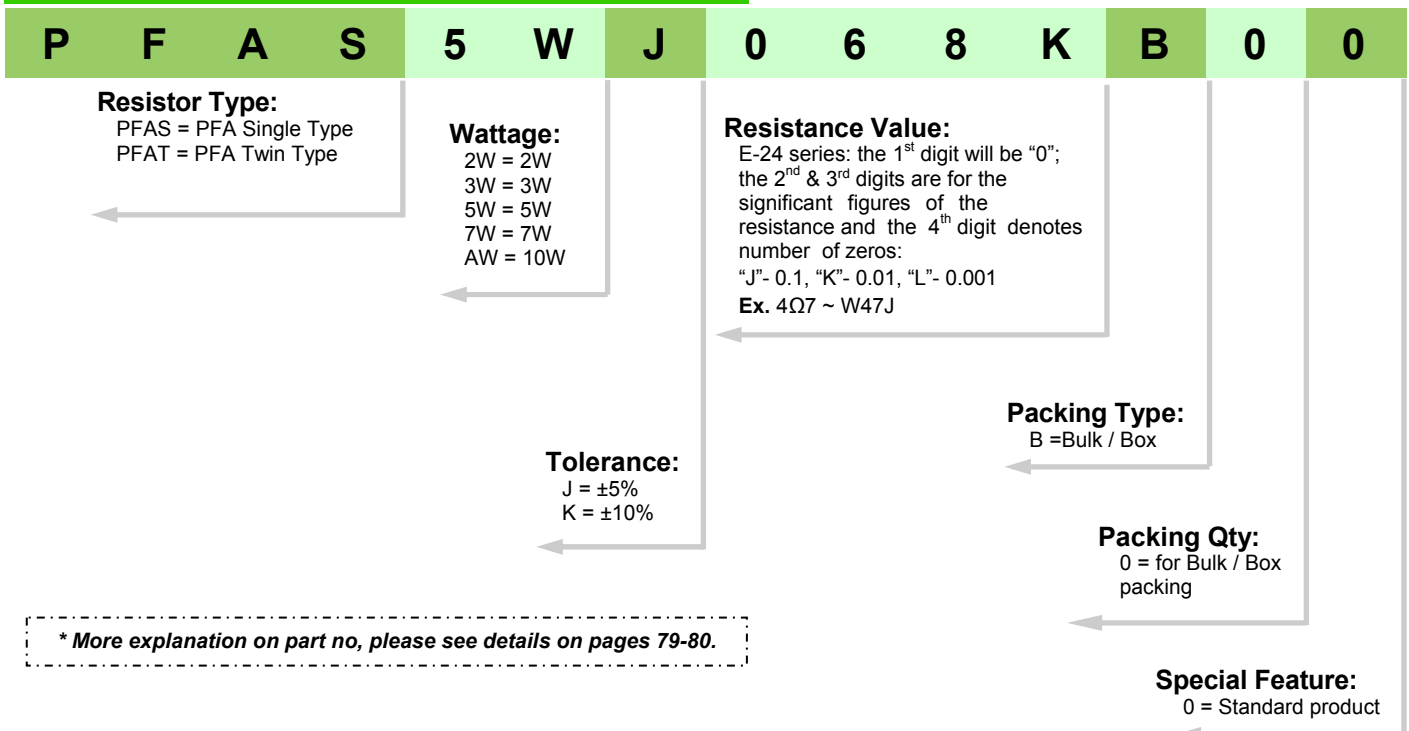
## POWER FLAT ALLOY RESISTORS

### Features

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



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



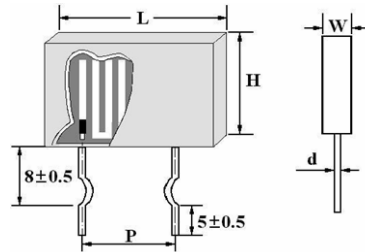
### Performance Specifications

Temperature coefficient	± 350PPM/°C
Short-time overload	ΔR/R ≤ ±2.0%, with no evidence of mechanical damage.
Dielectric withstanding voltage	2,000 V
Operating temperature range	-55°C ~ +200°C
Terminal strength	No evidence of mechanical damage.
Resistance to soldering heat	ΔR/R ≤ ±1.0%, with no evidence of mechanical damage.
Solderability	Min. 95% coverage
Resistance to solvent	ΔR/R ≤ ±1.0% Max.
Temperature cycling	ΔR/R ≤ ±5.0%, with no evidence of mechanical damage.
Humidity (Steady state)	ΔR/R ≤ ±5.0%, with no evidence of mechanical damage.
Load life in humidity	ΔR/R ≤ ±5.0%, with no evidence of mechanical damage.
Load life	ΔR/R ≤ ±5.0%, with no evidence of mechanical damage.

*\* More details, please see pages 77-78.*

## POWER FLAT ALLOY RESISTORS

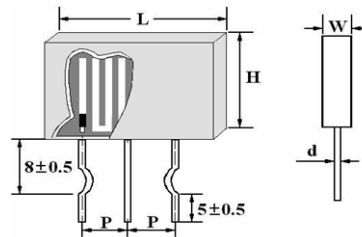
### (1) PFAS Type (Single Circuit)



Dimension (mm):

Part No.	Style	Power Rating at 70°C	Dimension (mm)					Resistance Range (±5% & ±10%)
			W +0 -0.5	H ± 1	L ± 1	d ± 0.05	P ± 1	
PFAS2W	PFAS 2W	2W	5.5	9	14	0.54	10	0.1Ω ~ 0.68Ω
PFAS3W	PFAS 3W	3W	5.5	13	14	0.75	10	0.1Ω ~ 0.68Ω
PFAS5W	PFAS 5W	5W	5.5	18	14	0.75	10	0.1Ω ~ 1Ω
PFASAW	PFAS10W	10W	5.5	18	26	1.0	10	0.22Ω ~ 3.3Ω

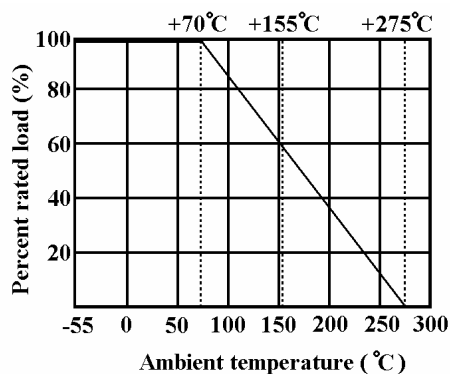
### (2) PFAT Type (Twin Circuit)



Dimension (mm):

Part No.	Style	Power Rating at 70°C	Dimension (mm)					Resistance Range (±5% & ±10%)
			W +0 -0.5	H ± 1	L ± 1	d ± 0.05	P ± 1	
PFAT2W	PFAT 2W + 2W	2W	5.5	9	26	0.75	10	0.1Ω ~ 0.68Ω
PFAT3W	PFAT 3W + 3W	3W	5.5	13	26	0.75	10	0.1Ω ~ 0.68Ω
PFAT5W	PFAT 5W + 5W	5W	5.5	18	26	0.75	10	0.1Ω ~ 1Ω
PFAT7W	PFAT 7W + 7W	7W	5.5	20	26	0.75	10	0.1Ω ~ 1Ω

Derating Curve:



Heat Rise Chart:

