

# Power Flat Alloy Resistors

## Performance Specification

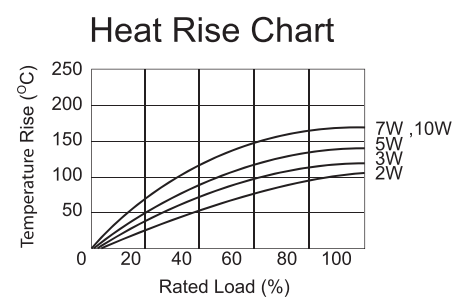
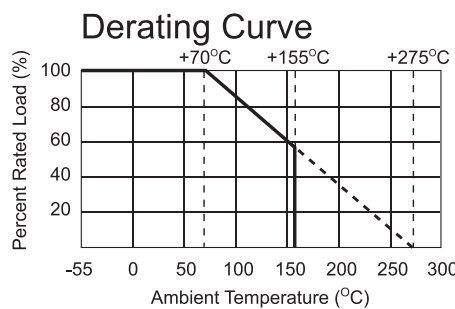
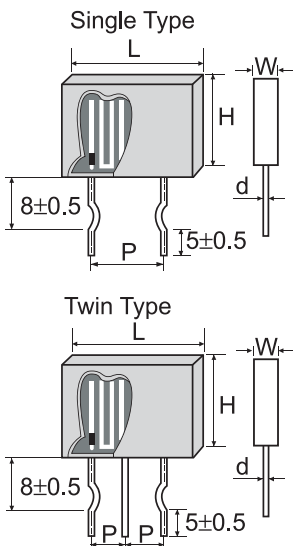
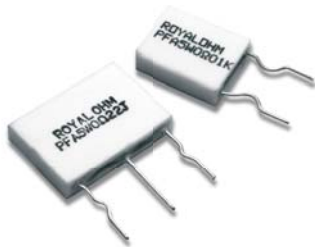
Temperature Coefficient	±350PPM/°C
Short Time Overload	±(2.0% + 0.05Ω)Max, with no evidence of mechanical damage.
Dielectric Withstanding Voltage	2,000V
Terminal Strength	No evidence of mechanical damage.
Resistance to Soldering Heat	±(1.0% + 0.05Ω)Max, with no evidence of mechanical damage.
Solderability	Min. 95% coverage
Temperature Cycling	±(5% + 0.05Ω)Max, with no evidence of mechanical damage.
Humidity (Steady State)	±(5% + 0.05Ω)Max, with no evidence of mechanical damage.
Load Life in Humidity	±(5% + 0.05Ω)Max, with no evidence of mechanical damage.
Load Life	±(5% + 0.05Ω)Max, with no evidence of mechanical damage.

## Ordering Procedure: Ex.: PFAS 5W,+/-5%, 0.68Ω, B/B

<b>P</b>	<b>F</b>	<b>A</b>	<b>S</b>	<b>5</b>	<b>W</b>	<b>J</b>	<b>0</b>	<b>6</b>	<b>8</b>	<b>K</b>	<b>B</b>	<b>0</b>	<b>0</b>		
Type: PFAS = PFA Single PFAT = PFA Twin				Wattage: 2W = 2W 3W = 3W 5W = 5W 7W = 7W AW = 10W		Resistance Value: • E-24 series: 1 <sup>st</sup> digit is "0" 2 <sup>nd</sup> & 3 <sup>rd</sup> digits are the significant figures of the resistance 4 <sup>th</sup> indicates the number of zeros: "J" ~ 0.1, "K" ~ 0.01 Ex.: 4.7Ω ~ 47J				Tolerance: J = ±5% K = ±10% M = ±20%		Packing Type: B = Bulk/Box		Packing Qty: 0 = Bulk/Box	
												Additional Information: 0 = Standard			

## Features

- Low Inductance
- Safety flameproof construction
- Thin & lightweight save PCB space
- Automatically insertable
- Application: TV, Microwave



Part No.	Style	Power Rating at 70°C	Dimension (mm)					Resistance Range (±5% & ±10%)
			W <sup>+0</sup> <sub>-0.5</sub>	H±1	L±1	d±0.05	P±1	
<b>PFAS Type (Single Circuit)</b>								
PFAS2W	PFAS 2W	2W	5.5	9	14	0.75	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	PFAS 10W	10W	5.5	18	26	0.75	20	0.22Ω ~ 3.3Ω
<b>PFAT Type (Twin Circuit)</b>								
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

