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% + 0.05Ω)Max, with no evidence of mechanical damage.
Humidity (Steady State)	±(5.0% + 0.05Ω)Max, with no evidence of mechanical damage.
Load Life in Humidity	±(5.0% + 0.05Ω)Max, with no evidence of mechanical damage.
Load Life	±(5.0% + 0.05Ω)Max, with no evidence of mechanical damage.

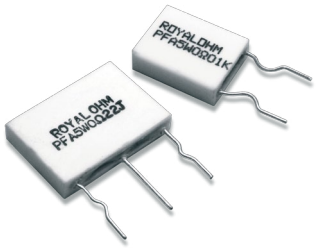
Ordering Procedure: Ex.: PFAS 5W,+/-5%, 0.68Ω, B/B

P F A S 5 W J 0 6 8 K B 0 0

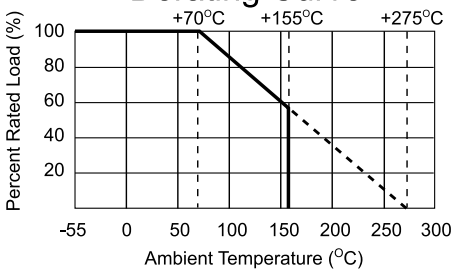
- **Type:** PFAS = PFA Single; PFAT = PFA Twin
- **Wattage:** 2W = 2W; 3W = 3W; 5W = 5W; 7W = 7W; AW = 10W
- **Tolerance:** J = ±5%; K = ±10%; M = ±20%
- **Resistance Value:**
  - E-24 series:
  - 1st digit is "0"
  - 2nd & 3rd digits are significant figures of the resistance
  - 4th indicates the number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

Features

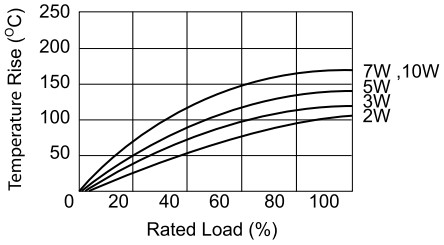
- Low Inductance
- Safety flameproof construction
- Thin & lightweight save PCB space
- Automatically insertable
- Application: TV, Microwave, Audio, Air condition



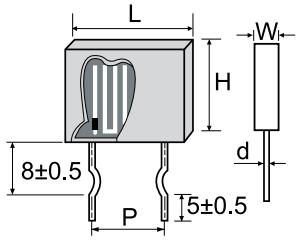
Derating Curve



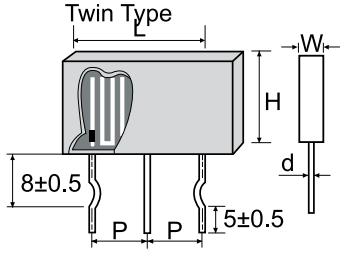
Heat Rise Chart



Single Type



Twin Type



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	
PFAS Type (Single Circuit)								
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
PFAT Type (Twin Circuit)								
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 + 3W	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