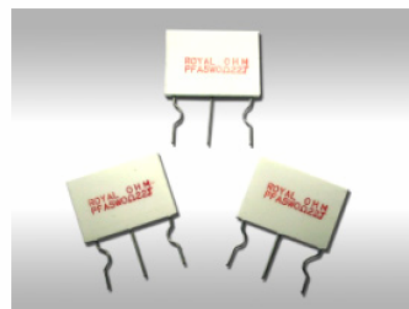


POWER FLAT ALLOY RESISTOR

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)

P	F	A	S	5	W	J	0	6	8	K	B	0	0
Resistor Type: PFAS = PFA Single Type PFAT = PFA Twin Type				Wattage: 2W = 2W 3W = 3W 5W = 5W 7W = 7W AW = 10W		Resistance Value: E-24 series: the 1 st digit will be "0"; the 2 nd & 3 rd digits are for the significant figures of the resistance and the 4 th digit denotes number of zeros following. Decimal point is expressed by: "J"- 0.1, "K"- 0.01, "L"- 0.001 Ex. 4Ω7 ~ W47J							
Tolerance: J = ±5%, K = ±10%						Packing Type: B =Bulk / Box							
Packing Qty: 0 = for Bulk / Box packing												Special Feature: 0 = Standard product	

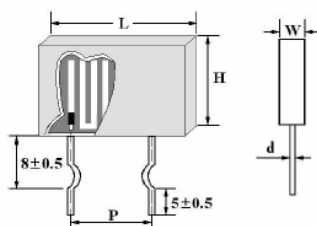
Performance Specifications

Temperature coefficient	≤ ± 350PPM/°C
Short-time overload	ΔR/R ≤ ± 2.0%, with no evidence of mechanical damage.
Dielectric withstanding voltage	2000 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	Resistance change rate is ±1% 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.

* For complete details, please see Page 69.

POWER FLAT ALLOY RESISTOR

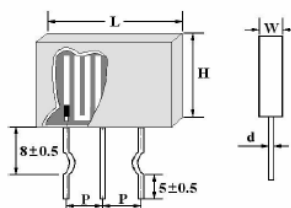
(1) PFAS Type (Single Circuit)



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 +0.02 -0.05	P ± 1	
PFAS2W	PFAS 2W	2W	5.5	9	14	0.6	10	0.1Ω ~ 0.68Ω
PFAS3W	PFAS 3W	3W	5.5	13	14	0.8	10	0.1Ω ~ 0.68Ω
PFAS5W	PFAS 5W	5W	5.5	17	14	0.8	10	0.1Ω ~ 1Ω
PFASAW	PFAS 10W	10W	5.5	18	26	1.0	10	0.22Ω ~ 3.3Ω

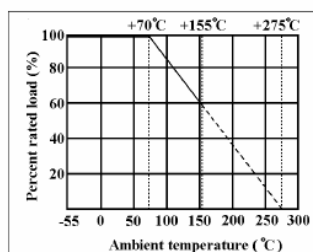
(2) PFAT Type (Twin Circuit)



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 +0.02 -0.05	P ± 1	
PFAT2W	PFAT 2W + 2W	2W	5.5	9	26	0.8	10	0.1Ω ~ 0.68Ω
PFAT3W	PFAT 3W + 3W	3W	5.5	13	26	0.8	10	0.1Ω ~ 0.68Ω
PFAT5W	PFAT 5W + 5W	5W	5.5	17	26	0.8	10	0.1Ω ~ 1Ω
PFAT7W	PFAT 7W + 7W	7W	5.5	20	26	0.8	10	0.1Ω ~ 1Ω

Derating Curve:



Heat Rise Chart:

