

Low Ohm Shunt

Type HPA Series

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Tyco offer a range of Metal Plate Power Shunt resistors. The HPA Series is an Axial Ceramic resistor for use in current sensing applications. The wide Wattage range (1 - 20 Watts) enables the HPA Series to cover most applications.

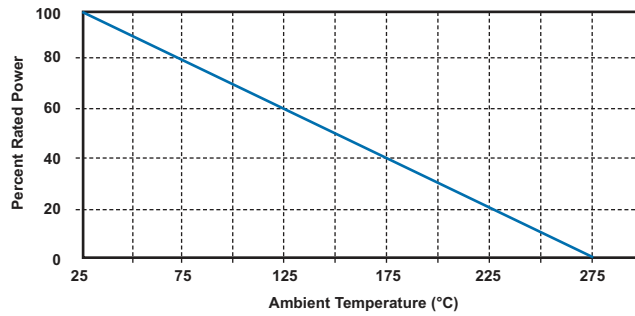
Key Features

- 8 Sizes (1W - 20W)
- Up to 20W Dissipation
- Ceramic Construction
- Low Values (R005 to R40)
- Moulded Axial

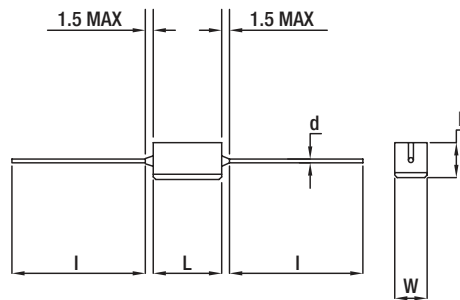
Characteristics - Electrical

	HPA 1	HPA 2	HPA 3	HPA 5	HPA 7	HPA 10	HPA 15	HPA 20
Rated Wattage:	1	2	3	5	7	10	15	20
Resistance Range (Ohms):	5m-30m	5m-50m	5m-100m	5m-100m	10m-120m	10m-300m	10m-300m	10m-400m

Derating Curve



Dimensions



Type	Dimensions				
	L±1.0	W±1.0	H±1.0	I (Min)	d±0.02
HPA 1	13.0	6.5	7.0	35	0.8
HPA 2	18.0	6.5	7.0	35	0.8
HPA 3	22.0	8.0	8.5	35	0.8
HPA 5	21.5	9.5	9.5	35	0.8
HPA 7	34.5	9.5	9.5	35	0.8
HPA 10	48.0	9.5	9.5	35	1.0
HPA 15	48.0	12.5	12.5	35	1.0
HPA 20	62.5	12.5	12.5	35	1.0

How to Order

HPA	7	R10	J
Common Part	Power Dissipation	Resistance Value	Tolerance
HPA - Ceramic 2 Wire Shunt	3 - 3 Watts 5 - 5 Watts 7 - 7 Watts 10 - 10 Watts 15 - 15 Watts 20 - 20 Watts	R005 - 5 milli ohms R40 - 400 milli ohms	J - ±5%