

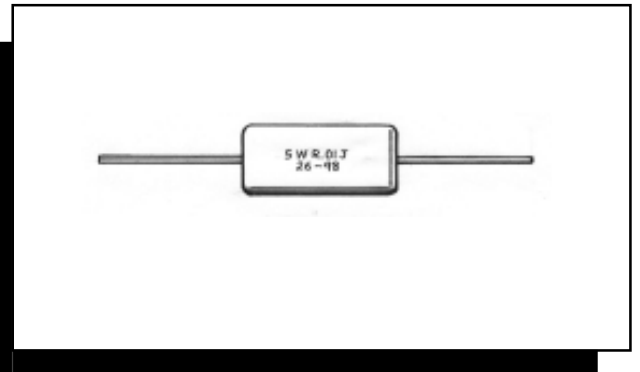
MEGGITT CGS  
HIGH VOLTAGE RESISTORS  
HIGH VALUE RESISTORS  
HIGH POWER RESISTORS  
ALUMINIUM CLAD RESISTORS  
CURRENT SENSE RESISTORS

---

## Low Ohm Shunts

TYPES HPA SERIES

---



---

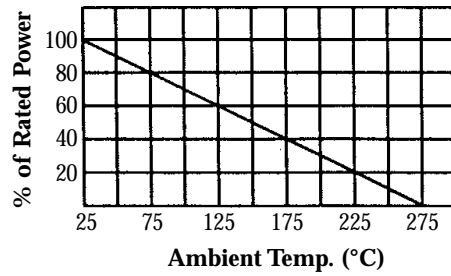
Meggitt offer a range of Metal Plate Power Shunt resistors. The HPA Series is an Axial Ceramic resistor for use in current sensing applications. The wide Wattage range (1 - 20 Watts) enables the HPA Series to cover most applications.

---

### MEGGITT CGS KEY FEATURES

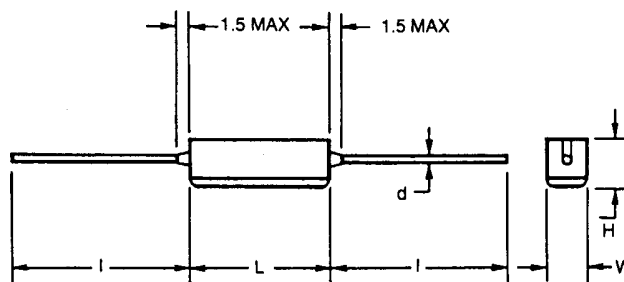
- WIDE POWER RANGE
  - LOW COST
  - CERAMIC CONSTRUCTION
  - LOW VALUES (R005 - R40)
  - MOULDED AXIAL
-

DERATING



ELECTRICAL & DIMENSIONS

| Type    | Dimensions (mm) |       |       |         |          | Rated Wattage | Resistance Range (Ω) |
|---------|-----------------|-------|-------|---------|----------|---------------|----------------------|
|         | L ± 1           | W ± 1 | H ± 1 | l (Min) | d ± 0.02 |               |                      |
| HPA2 1  | 13.0            | 6.5   | 7.0   | 35      | 0.8      | 1W            | 5m ~ 30m             |
| HPA2 2  | 18.0            | 6.5   | 7.0   | 35      | 0.8      | 2W            | 5m ~ 50m             |
| HPA2 3  | 22.0            | 8.0   | 8.5   | 35      | 0.8      | 3W            | 5m ~ 100m            |
| HPA2 5  | 21.5            | 9.5   | 9.5   | 35      | 0.8      | 5W            | 5m ~ 100m            |
| HPA2 7  | 34.5            | 9.5   | 9.5   | 35      | 0.8      | 7W            | 10m ~ 120m           |
| HPA2 10 | 48.0            | 9.5   | 9.5   | 35      | 1.0      | 10W           | 10m ~ 300m           |
| HPA2 15 | 48.0            | 12.5  | 12.5  | 35      | 1.0      | 15W           | 10m ~ 300m           |
| HPA2 20 | 62.5            | 12.5  | 12.5  | 35      | 1.0      | 20W           | 10m ~ 400m           |



HOW TO ORDER

| HP   | 7  | R10   | J         |
|--|--|---|-----------|
| COMMON PART  | POWER DISSIPATION  | RESISTANCE VALUE                            | TOLERANCE |
| HPA2 - Ceramic<br>2 Wire Shunt<br>HPF4 - Ceramic<br>Kelvin Shunt | 3 - 3Watt<br>5 - 5Watt<br>7 - 7Watt<br>10 - 10Watt<br>15 - 15Watt<br>20 - 20Watt | R005 - 5 milli ohms<br>R40 - 400 milli ohms | J ± 5%    |



Meggitt Electronic Components Ltd. Ohmic House, Westmead Industrial Estate, Swindon, Wilts. SN5 7US  
 Telephone: (01793)487301 (Admin.) (01793)611666 (Sales) Email: sales@megelec.co.uk Fax: (01793) 611777

This publication is issued to provide outline information only and (unless specifically agreed to the contrary by the Company in writing) is not to form part of any order or be regarded as a representation relating to the products or service concerned. We reserve the right to alter without notice the specification, design, price or conditions of supply of any product or service. Whilst Meggitt Electronic Components products are of the very highest quality and reliability, all electronic components can occasionally be subject to failure. Where failure of a Meggitt Electronic Components product could result in life threatening consequences, then the circuit and application must be discussed with the Company. Such areas might include ECG, respiratory, and other medical and nuclear applications and any non fail safe applications circuit.