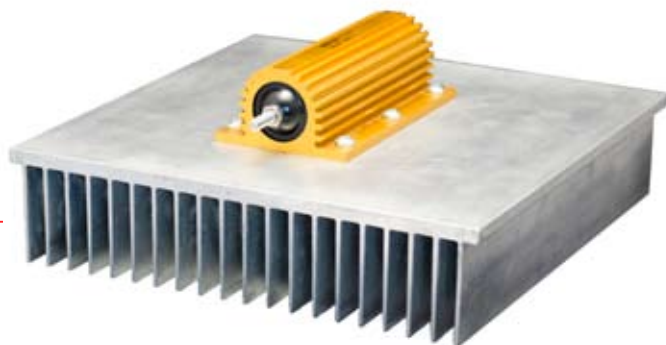


# HS Series

## Heatsinks for Arcol Resistors



Designed for use with Arcol/Ohmite aluminum housed resistors. Each heatsink is characterized and custom tailored to a specific resistor size, providing a complete thermal solution.



### FEATURES

- Many other extrusion profiles available. Contact Ohmite with your requirements
- Multiple finishes available
- Modifications available: screw holes, bolt patterns, milling per customer specifications

### SERIES SPECIFICATIONS

| Part Number     | for Resistor | R $\theta$ (°C/W) | Mounting Screw | Product Weight |
|-----------------|--------------|-------------------|----------------|----------------|
| AH10928V10000JE | HS300        | 0.34              | M5 - 0.80      | 5.55 lbs       |
| AH10928V07500IE | HS250        | 0.39              | M4 - 0.70      | 4.20 lbs       |
| AH10928V06000HE | HS200        | 0.44              | M4 - 0.70      | 3.45 lbs       |
| AH12310V06000GE | HS150        | 0.93              | M3 - 0.50      | 1.70 lbs       |
| AH50600V05000FE | HS100        | 1.30              | M3 - 0.5       | 0.95 lbs       |
| AH50600V05000EE | HS75         | 1.30              | M3 - 0.5       | 0.95 lbs       |



### CHARACTERISTICS

**R $\theta$  (°C/W)** The thermal resistance value assumes vertical orientation of the heatsink in natural convection.

**Material** Aluminum alloy 6063-T5. The standard stocked parts are unfinished and degreased. Other finishes are available on request.

#### Mounting



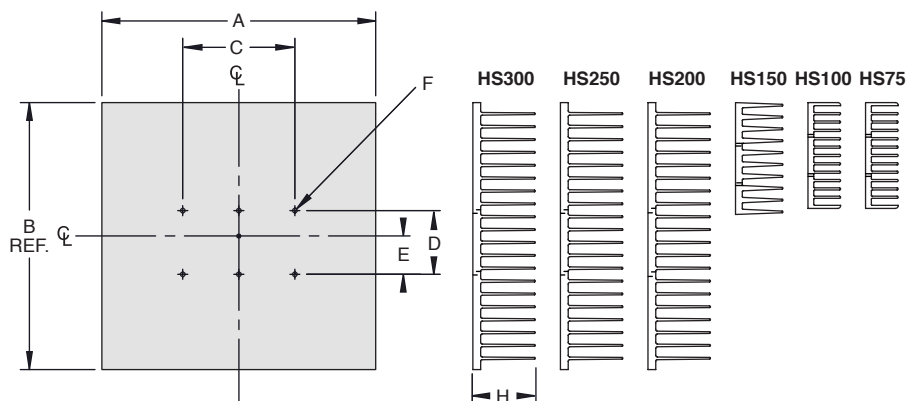
All testing and power characteristics are based on a vertically mounted orientation. Horizontal mounting is acceptable with fins in the upward position with approximately 20% degradation in performance.

(continued)

# HS Series

## Heatsinks for Arcol Resistors

### DIMENSIONS



| Part Number     | for Resistor | A                                       | B                             | C                                    | D                                      | E                                        | F              | H                           |
|-----------------|--------------|-----------------------------------------|-------------------------------|--------------------------------------|----------------------------------------|------------------------------------------|----------------|-----------------------------|
| AH10928V10000JE | HS300        | 10.000" $\pm$ .020<br>254mm $\pm$ .51   | 9.750" $\pm$ .020<br>247.65mm | 4.094" $\pm$ .010<br>104mm $\pm$ .25 | 2.323" $\pm$ .010<br>59mm $\pm$ .25    | 1.396" $\pm$ .010<br>35.46mm $\pm$ .25   | M5 - 0.80 THRU | 2.28" $\pm$ .010<br>57.91mm |
| AH10928V07500IE | HS250        | 7.500" $\pm$ .020<br>190.50mm $\pm$ .51 | 9.750" $\pm$ .020<br>247.65mm | 3.504" $\pm$ .005<br>89mm $\pm$ .13  | 2.252" $\pm$ .005<br>57.20mm $\pm$ .13 | 1.361" $\pm$ .010<br>34.57mm $\pm$ .25   | M4 - 0.70 THRU | 2.28" $\pm$ .010<br>57.91mm |
| AH10928V06000HE | HS200        | 6.000" $\pm$ .020<br>152.40mm $\pm$ .51 | 9.750" $\pm$ .020<br>247.65mm | 2.756" $\pm$ .005<br>70mm $\pm$ .13  | 2.252" $\pm$ .005<br>57.20mm $\pm$ .13 | 1.361" $\pm$ .010<br>34.57mm $\pm$ .25   | M4 - 0.70 THRU | 2.28" $\pm$ .010<br>57.91mm |
| AH12310V06000GE | HS150        | 6.000" $\pm$ .020<br>152.40mm $\pm$ .51 | 4.125" $\pm$ .020<br>104.78mm | 2.283" $\pm$ .005<br>58mm $\pm$ .13  | 1.457" $\pm$ .005<br>37mm $\pm$ .13    | 0.947" $\pm$ .010<br>24.06mm $\pm$ .25   | M3 - 0.50 THRU | 1.75" $\pm$ .010<br>44.45mm |
| AH50600V05000FE | HS100        | 5.000" $\pm$ .020<br>127mm $\pm$ .51    | 3.924" $\pm$ .020<br>99.670mm | 1.378" $\pm$ .005<br>35mm $\pm$ .13  | 1.457" $\pm$ .005<br>37mm $\pm$ .127   | 0.728" $\pm$ .010<br>18.500mm $\pm$ .254 | M3 - 0.5 THRU  | 1.21" $\pm$ .010<br>30.73mm |
| AH50600V05000EE | HS75         | 5.000" $\pm$ .020<br>127mm $\pm$ .51    | 3.924" $\pm$ .020<br>99.670mm | 1.142" $\pm$ .005<br>29mm $\pm$ .13  | 1.457" $\pm$ .005<br>37mm $\pm$ .127   | 0.728" $\pm$ .010<br>18.500mm $\pm$ .254 | M3 - 0.5 THRU  | 1.21" $\pm$ .010<br>30.73mm |

### HOW TO ORDER

AH10928V10000JE  
 Extrusion Style      Finish      Length (in.) to three decimals      Hole Pattern  
 V = unfinished, degreased      10000 = 10"

RoHS Compliant