

# High Performance LED Cooling Solutions\*

**DIGI-KEY PART # ATS1362-ND**

ATS PART # ATS-58001-C1-R0

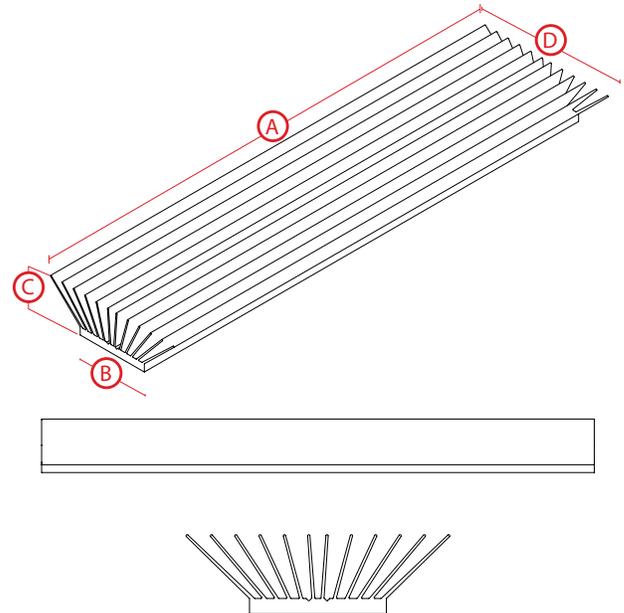
## Features & Benefits

Designed for cooling linear LED lighting products

maxiFLOW™ design features a low profile, spread fin array that maximizes surface area for more effective convection (air) cooling

Reduces LED temperatures by more than 50%

Fabricated from extruded aluminum, which minimizes thermal resistance from the base to the fins, reduces weight and keeps costs low



## Thermal Performance Table

| AIR VELOCITY |     | THERMAL RESISTANCE |               |
|--------------|-----|--------------------|---------------|
| FT/MIN       | M/S | °C/W (UNDUCTED)    | °C/W (DUCTED) |
| 200          | 1.0 | 1.3                | 0.5           |
| 300          | 1.5 | 0.8                |               |
| 400          | 2.0 | 0.6                |               |
| 500          | 2.5 | 0.5                |               |
| 600          | 3.0 | 0.4                |               |
| 700          | 3.5 | 0.4                |               |
| 800          | 4.0 | 0.3                |               |

## Product Details†

| DIMENSION A | DIMENSION B | DIMENSION C§ | DIMENSION D | TIM†   | FINISH         |
|-------------|-------------|--------------|-------------|--------|----------------|
| 305         | 45          | 26           | 87          | NO TIM | BLACK-ANODIZED |

For further technical information, please contact Advanced Thermal Solutions, Inc. at **1-781-769-2800** or **www.qats.com**

\* RoHS Compliant

‡ TIM = Thermal Interface Material

† Dimensions are measured in millimeters

§ Dimension C = the height of the heat sink shown above and does not include the height of the attachment method



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