# High Performance BGA Cooling Solutions w/ Thermal Tape Attachment\*

## DIGI-KEY PART # ATS1292-ND

ATS PART # ATS-55350K-C2-R0

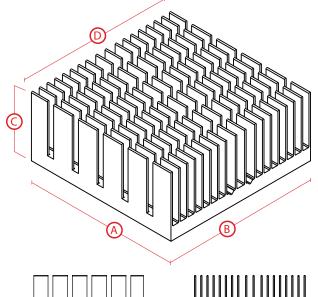
#### **Features & Benefits**

High efficiency cross-cut fin design provides low pressure drop characteristics

Large surface area increases heat sink performance

Designed for BGAs and surface mount packages

Comes preassembled with high performance thermal interface material







## **Thermal Performance Table**

| AIR VELOCITY |     | THERMAL RESISTANCE |               |  |
|--------------|-----|--------------------|---------------|--|
| FT/MIN       | M/S | °C/W (UNDUCTED)    | °C/W (DUCTED) |  |
| 200          | 1.0 | 5.9                | NA            |  |
| 300          | 1.5 | NA                 |               |  |
| 400          | 2.0 | NA                 |               |  |
| 500          | 2.5 | NA                 |               |  |
| 600          | 3.0 | NA                 |               |  |
| 700          | 3.5 | NA                 |               |  |
| 800          | 4.0 | NA                 |               |  |

### **Product Details**<sup>†</sup>

| DIMENSION A | DIMENSION B | DIMENSION C <sup>§</sup> | DIMENSION D | TIM <sup>‡</sup> | FINISH         |
|-------------|-------------|--------------------------|-------------|------------------|----------------|
| 35          | 35          | 14.5                     | N/A         | C675             | 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
- ◆ Dimensions A & B refer to component size
- § Dimension C = the height of the heat sink shown above and does not include the height of the attachment method



