High Performance BGA Cooling Solutions w/ Thermal Tape Attachment*

DIGI-KEY PART # ATS1289-ND

ATS PART # ATS-55310K-C2-R0

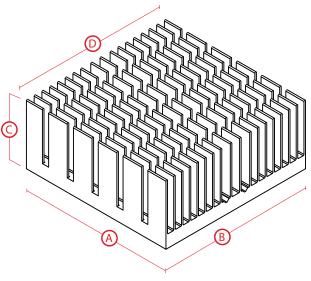
Features & Benefits

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





ADVANCED THERMAL

Innovations in Thermal Management®

SOLUTIONS, INC.

Thermal Performance Table

| AIR VELOCITY | | THERMAL RESISTANCE | | |
|--------------|-----|--------------------|---------------|--|
| FT/MIN | M/S | °C/W (UNDUCTED) | °C/W (DUCTED) | |
| 200 | 1.0 | 7 | 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[†]

| DIMENSION A | DIMENSION B | DIMENSION C [®] | DIMENSION D | TIM [‡] | FINISH |
|-------------|-------------|--------------------------|-------------|------------------|----------------|
| 31 | 31 | 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



To place an order, please visit www.digikey.com