Ultra High Performance BGA Cooling Solutions w/ maxiGRIP™ Attachment*

DIGI-KEY PART # ATS1089-ND

ATS PART # ATS-51325R-C2-R0

Features & Benefits

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

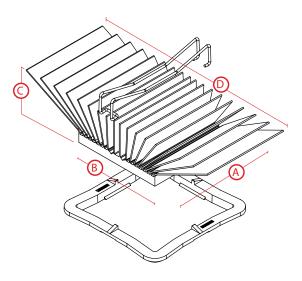
maxiGRIP™ attachment applies steady, even pressure to the component and does not require holes in the PCB

Meets Telcordia GR-63-Core Office Vibration; ETSI 300 019 Transportation Vibration; and MIL-STD-810 Shock and Unpackaged Drop Testing standards

Comes preassembled with high performance, phase changing, thermal interface material

Thermal Performance Table

Designed for low profile components from 1.5 to 2.99mm





AIR VELOCITY THERMAL RESISTANCE FT/MIN M/S °C/W (UNDUCTED) °C/W (DUCTED) 2.7 2 200 1.0 2.1 300 1.5 1.9 400 2.0 1.7 500 2.5 1.5 600 3.0 700 3.5 1.4 800 4.0 1.3

Product Details[†]

| DIMENSION A | DIMENSION B | DIMENSION C [§] | DIMENSION D | TIM [‡] | FINISH |
|-------------|-------------|--------------------------|-------------|------------------|-----------------|
| 32.5 | 32.5 | 19.5 | 57.44 | C1100F | 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



