

High Performance ASIC Cooling Solutions



ATS Part#: **ATS-56005-C4-R0**
 Description: maxiFLOW Heat Sink, NO TIM, BLACK-ANODIZED

Heat Sink Type: **maxiFLOW**
 Heat Sink Attachment: **THERMAL TAPE**
 Equivalent Part Number:

**Image above is for illustration purpose only.*

Features & Benefits

- **maxiFLOW™** design features a low profile, spread fin array that maximizes surface area for more effective convection (air) cooling
- Designed specifically for ASIC package and their unique cooling requirements
- Also available with thermal interface material (TIM) applied to the base of the heat sink. Contact ATS for TIM options available.

Thermal Performance

AIR VELOCITY		@200 LFM 1.0 M/S	@300 LFM 1.5 M/S	@400 LFM 2.0 M/S	@500 LFM 2.5 M/S	@600 LFM 3.0 M/S	@700 LFM 3.5 M/S	@800 LFM 4.0 M/S
THERMAL RESISTANCE	Unducted Flow	2.80 °C/W	2.20 °C/W	1.60 °C/W	1.40 °C/W	1.20 °C/W	1.10 °C/W	1.00 °C/W
	Ducted Flow	1.65	n/a	n/a	n/a	n/a	n/a	n/a

Product Detail

Schematic Image	Dimension A	Dimension B	Dimension C	Dimension D	TIM	Finish
<p><i>*Image above is for illustration purpose only.</i></p>	50.0 mm	45.0 mm	15.0 mm	64.0 mm	NO TIM	BLACK-ANODIZED
<p>Notes:</p> <ul style="list-style-type: none"> • Dimension A and B refer to heat sink length and width • Dimension C is the heat sink height from the bottom of the base to the top of the fin field. • Thermal performance data are provided for reference only. Actual performance may vary by application. • ATS reserves the right to update or change its products without notice to improve the design or performance. • ATS certifies that this heat sink assembly is RoHS-6 and REACH compliant. • Contact ATS to learn about custom options available. 						

For more information, to find a distributor or to place an order, please contact us at 781-769-2800 (North America), sales@qats.com or www.qats.com.

© 2012 Advanced Thermal Solutions, Inc. | 89-27 Access Road | Norwood MA | 02062 | USA

