

BGA Heat Sink (High Aspect Ratio Ext.) Standard Pin Fin



ATS Part#:	ATS043045016-PF033
Description:	44.50 x 43.20 x 16.50 mm BGA Heat Sink (High Aspect Ratio Ext.) Standard Pin Fin
Heat Sink Type:	Standard Pin Fin
Heat Sink Attachment:	N/A
Equivalent Part Number:	N/A



*Image above is for illustration purpose only.

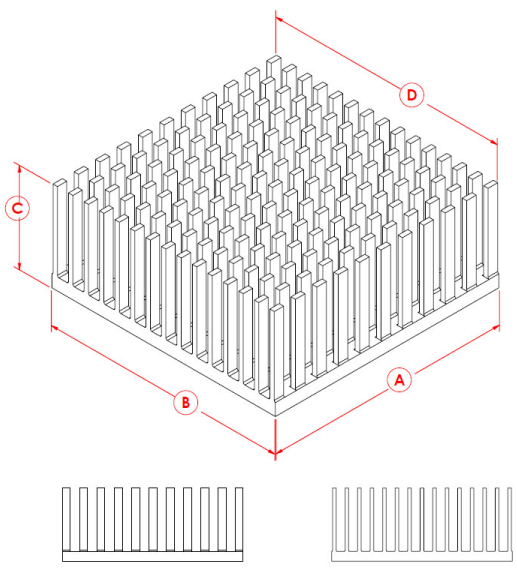
Features & Benefits

- Excellent balance of low cost and high performance in an aluminum heat sink.
- Designed for semiconductor devices with omni-directional airflow requirements.
- 11 x 10 pin array
- Available with a variety of thermal adhesive tape options. Contact sales@qats.com for product configurations.

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	3.2 °C/W	N/A °C/W	N/A °C/W	N/A °C/W	N/A °C/W	N/A °C/W	N/A °C/W
	Ducted Flow	0	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
	44.50 mm	43.20 mm	16.50 mm	N/A mm	NO TIM	Black Anodized
Notes: • Dimension A and B refer to component size. • 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.						

*Image above is for illustration purpose only.

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.

© 2013 Advanced Thermal Solutions, Inc. | 89-27 Access Road | Norwood MA | 02062 | USA

