

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



ATS Part#: **ATS043045005-PF029**
 Description: 44.50 x 43.20 x 5.10 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 | 10.5 °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 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|--------|----------------|
| <p><i>*Image above is for illustration purpose only.</i></p> | 44.50 mm | 43.20 mm | 5.10 mm | N/A mm | NO TIM | Black Anodized |
| <p>Notes:</p> <ul style="list-style-type: none"> • 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. | | | | | | |

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.

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