# BGA Heat Sink (High Aspect Ratio Ext.) Straight Fin

*Image above is for illustration purpose only.

ATS Part#: **ATS035035017-SF-11P**

Description: 35.00 x 35.00 x 17.00 mm BGA Heat Sink (High Aspect Ratio Ext.) Straight Fin

Heat Sink Type: Straight Fin

Heat Sink Attachment: N/A

Equivalent Part Number: N/A

## Features & Benefits

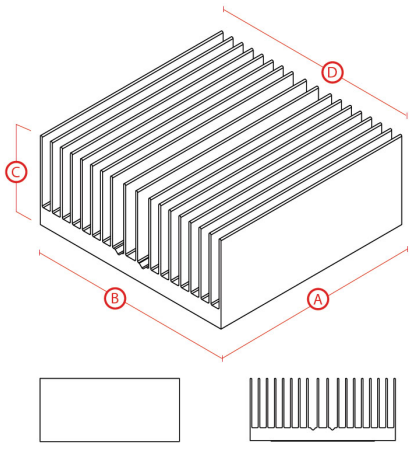
- High aspect ratio, straight fin heat sinks that are ideal for compact PCB environments
- Fabricated from extruded aluminum, which minimizes thermal resistance from the base to the fins, reduces weight and keeps costs low
- Higher performance helps ensure reliable product life at a lower cost than other extruded heat sinks
- Comes standard without interface material or with most common pressure sensitive thermal tapes as a custom option

## 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 | 4.42 °C/W | 2.8 °C/W | 2.1 °C/W | 1.8 °C/W | 1.6 °C/W | 1.5 °C/W | 1.4 °C/W |
| | Ducted Flow | 1.8 | 1.5 | 1.3 | 1.2 | 1.1 | 1.1 | 1 |

## Product Detail

| Schematic Image | Dimension A | Dimension B | Dimension C | Dimension D | TIM | Finish |
|---|---|---|---|---|---|---|
| | 35.00 mm | 35.00 mm | 17.00 mm | 35 mm | N/A | BLACK-ANODIZED |

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**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.
- Dimension D is fin tip to fin tip.
- 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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