

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



ATS Part#: **ATS015015007-PF-4F**  
 Description: 15.00 x 15.00 x 7.00 mm BGA Heat Sink (High Aspect Ratio Ext.) Custom Pin Fin



Heat Sink Type: Custom Pin Fin  
 Heat Sink Attachment: N/A  
 Equivalent Part Number: N/A

*\*Image above is for illustration purpose only.*

## Features & Benefits

- High efficiency pin fin design provides low pressure drop characteristics
- Large surface area increases heat sink performance
- Fabricated from extruded aluminum, which minimizes thermal resistance from the base to the fins, reduces weight and keeps costs low
- 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	28.63 °C/W	23.4 °C/W	20.4 °C/W	18.4 °C/W	16.9 °C/W	15.7 °C/W	14.8 °C/W
	Ducted Flow	18.1	15.3	13.5	12.2	11.3	10.6	10

## 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>	15.00 mm	15.00 mm	7.00 mm	15 mm	N/A	BLACK-ANODIZED
<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Dimension <b>A</b> and <b>B</b> refer to component size.</li> <li>• Dimension <b>C</b> is the heat sink height from the bottom of the base to the top of the fin field.</li> <li>• Dimension <b>D</b> is fin tip to fin tip.</li> <li>• Thermal performance data are provided for reference only. Actual performance may vary by application.</li> <li>• ATS reserves the right to update or change its products without notice to improve the design or performance.</li> <li>• ATS certifies that this heat sink assembly is RoHS-6 and REACH compliant.</li> <li>• Contact ATS to learn about custom options available.</li> </ul>						

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

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



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Heat Sinks](#) category:*

*Click to view products by [Advanced Thermal Solutions](#) manufacturer:*

Other Similar products are found below :

[581102B00000G](#) [656-15ABPE](#) [657-20ABPNE](#) [7020B-TC12-MTG](#) [73452PPBA](#) [7G0011A](#) [PF720G](#) [A22-4026](#) [120-1873-007](#) [HAH10L](#)  
[1542616-1](#) [HS-2506-F1](#) [HS-87M0-F2](#) [218-40CTE3](#) [25-7520](#) [SW50-4G](#) [231-75PAB-13V](#) [231-75PAB-15V](#) [253-122ABE-22](#) [PSC22CB](#)  
[HAF10L](#) [HAQ10T](#) [D10100-28](#) [BDN183CBA01](#) [3-21053-4](#) [32438](#) [TX0506-1B](#) [TX1806B](#) [LAE66A3CB](#) [WA-DT2-101E](#) [511-3U](#)  
[73381PPBA](#) [73403PPBA](#) [7G0047C](#) [COMX-440-HSP](#) [510-12M](#) [D10650-40T5](#) [V8511 Y](#) [APF40-40-13CB/A01](#) [780653U04500G](#) [ATS-](#)  
[54310K-C2-R0](#) [FK 216 CB SA](#) [FK 231 SA 220](#) [648-51AB](#) [657-20ABPESC](#) [2341BG](#) [679-25AG](#) [FK 212 CB SA](#) [FK225 SA L1](#) [680-5K](#)