

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



ATS Part#:

**ATS020020015-SF-7N**

Description:

20.00 x 20.00 x 15.00 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

\*Image above is for illustration purpose only.

## 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	8.25 °C/W	6.2 °C/W	5.2 °C/W	4.6 °C/W	4.2 °C/W	3.9 °C/W	3.7 °C/W
	Ducted Flow	4.9	4.1	3.7	3.4	3.1	2.9	2.8

## Product Detail

Schematic Image	Dimension A	Dimension B	Dimension C	Dimension D	TIM	Finish
	20.00 mm	20.00 mm	15.00 mm	20 mm	N/A	BLACK-ANODIZED
<b>Notes:</b>						
<ul style="list-style-type: none"><li>• Dimension A and B refer to component size.</li><li>• Dimension C is the heat sink height from the bottom of the base to the top of the fin field.</li><li>• Dimension D 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>						

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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).

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