BGA Heat Sink - High Performance Straight Fin w/Thermal Tape



Image above is for illustration purpose only.

ATS Part#: **ATS-54310D-C1-R0**

Description: 31.00 x 31.00 x 9.50 mm BGA Heat Sink - High Performance Straight Fin w/Thermal Tape

Heat Sink Type: Straight Fin

Heat Sink Attachment: Thermal Tape

Equivalent Part Number: ATS-54310D-C2-R0

Features & Benefits

- High aspect ratio, straight fin heat sinks that are ideal for compact PCB environments
- Designed specifically for BGAs and other surface mount packages
- Comes preassembled with high performance thermal interface material

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	12 °C/W	8.6 °C/W	7.1 °C/W	6.3 °C/W	5.7 °C/W	5.2 °C/W	4.9 °C/W
	Ducted Flow	5.1	N/A	N/A	N/A	N/A	N/A	N/A

Product Detail

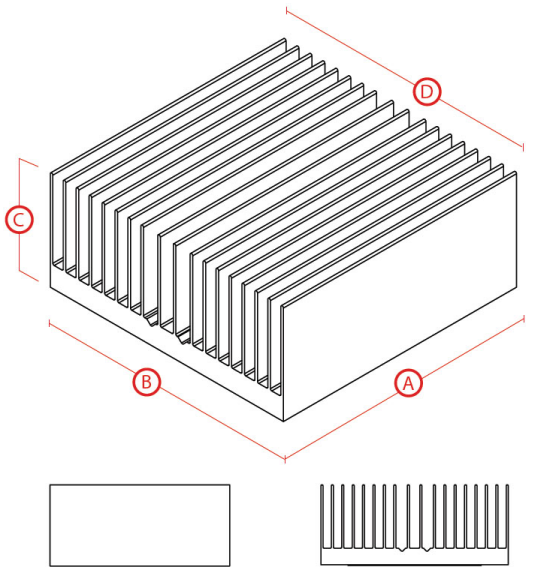
Schematic Image	Dimension A	Dimension B	Dimension C	Dimension D	TIM	Finish
	31.00 mm	31.00 mm	9.50 mm	N/A mm	T412	BLACK-ANODIZED

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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.
- ATS-54310D-C2-R0 is the exact heat sink assembly with an equivalent thermal interface material (Saint-Gobain C675).
- 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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