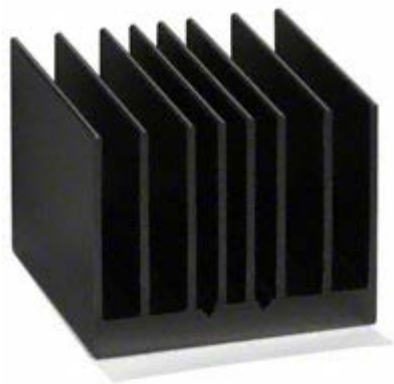


BGA Heat Sink - High Performance Straight Fin w/Thermal Tape



*Image above is for illustration purpose only.

ATS Part#:	ATS-54310W-C1-R0
Description:	31.00 x 31.00 x 24.50 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-54310W-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	3.6 °C/W	2.9 °C/W	2.5 °C/W	2.3 °C/W	2.1 °C/W	2 °C/W	1.8 °C/W
	Ducted Flow	2.5	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	24.50 mm	N/A mm	T412	BLACK-ANODIZED
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-54310W-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.						

*Image above is for illustration purpose only.

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.

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



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Advanced Thermal Solutions:](#)

[ATS-54310W-C1-R0](#)