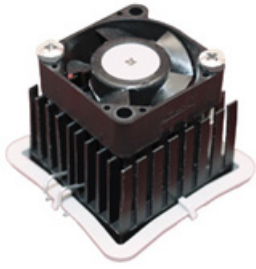


BGA Heat Sink - High Performance fanSINK™ with maxiGRIP™ Attachment



ATS Part#: **ATS-61450D-C1-R0**

Description: 45.00 x 45.00 x 9.50 mm BGA Heat Sink - High Performance fanSINK™ with maxiGRIP™ Attachment

Heat Sink Type: fanSINK

Heat Sink Attachment: maxiGRIP

Equivalent Part Number: N/A

**Image above is for illustration purpose only.*

Features & Benefits

- Cross Cut Straight Fin Heat Sink offering omni-directional air flow for optimum thermal performance independent of PCB Layout
- Stainless Steel Screw Fan Attachment - Ensures dependable long-term fan to heat sink assembly
- Component Attachment - ATS maxiGRIP™ is a proven high reliability mechanical attachment system
- ATS maxiGRIP™ Hardware includes a High Performance Plastic “Frame Clip” and a 300 series stainless steel spring clip, avoiding the need for holes in a PCB
- Provided with pre-assembled Thermal Interface Material (TIM) centered on base
- Please Note: FAN NOT INCLUDED. Fan type is specific to individual customer requirements. Fans need to be sourced independently

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	2.2 °C/W	N/A °C/W	N/A °C/W	N/A °C/W	N/A °C/W	N/A °C/W	N/A °C/W
	Ducted Flow	0	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
<p><i>*Image above is for illustration purpose only.</i></p>	45.00 mm	45.00 mm	9.50 mm	N/A mm	Chomerics T412	Black
<p>Notes:</p> <ul style="list-style-type: none"> • 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. • 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. • Optional maxiGRIP™ Installation/Removal Tool Set P/N: MGT450 • 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.

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



ATS ADVANCED THERMAL SOLUTIONS, INC.
Innovations in Thermal Management®

Rev - 140818

Mouser Electronics

Authorized Distributor

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

[Advanced Thermal Solutions:](#)

[ATS-61450D-C1-R0](#)