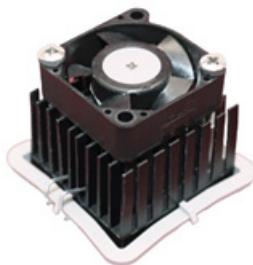


BGA Heat Sink - High Performance fanSINK™ with maxiGRIP™ Attachment



ATS Part#:

ATS-61450W-C1-R0

Description:

45.00 x 45.00 x 24.50 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	1.1 °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
	45.00 mm	45.00 mm	24.50 mm	N/A mm	Chomerics T412	Black
Notes:						
<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.						

*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-61450W-C1-R0](#)