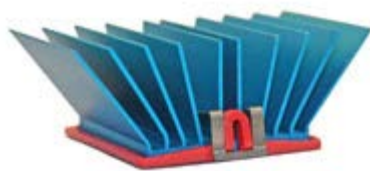


BGA Heat Sink - High Performance maxiFLOW/superGRIP



ATS Part#: **ATS-X50230B-C1-R0**
 Description: 23.00 x 23.00 x 7.50 mm BGA Heat Sink - High Performance maxiFLOW/superGRIP

Heat Sink Type: maxiFLOW
 Heat Sink Attachment: superGRIP
 Equivalent Part Number: N/A



**Image above is for illustration purpose only.*

Features & Benefits

- Designed for 23 x 23 mm components
- Requires minimal space around the component's perimeter; ideal for densely populated PCBs
- Allows the heat sink to be detached and reattached without damaging the component or the PCB, an important feature in the event a PCB may need to be reworked
- Strong, uniform attachment force helps achieve maximum performance from phase-changing TIMs
- Eliminates the need to drill mounting holes in the PCB

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 | 10.9 °C/W | 8.7 °C/W | 7.5 °C/W | 6.7 °C/W | 6.2 °C/W | 5.7 °C/W | 5.3 °C/W |
| | Ducted Flow | 8.3 | 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> | 23.00 mm | 23.00 mm | 7.50 mm | 37.5 mm | T766 | BLUE-ANODIZED |
| <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. • 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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