
Chipsmall
深圳市津利帝科技有限公司
Geelead Technology Limited
Chipsmall
采购部

BGA Heat Sink - High Performance Ultra Low Profile

Image above is for illustration purpose only.

ATS Part#:	**ATS-60004-C1-R0**
Description:	58.20 x 61.00 x 6.10 mm BGA Heat Sink - High Performance Ultra Low Profile
Heat Sink Type:	Ultra Low profile
Heat Sink Attachment:	Thermal Tape
Equivalent Part Number:	ATS-60004-C2-R0

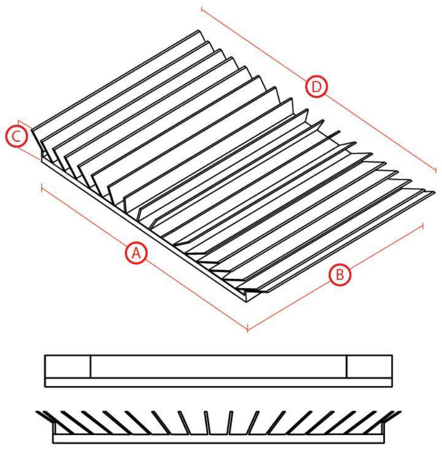
Features & Benefits

- blueICE™ heat sinks feature an ultra low profile for tough-to-cool applications
- Designed for high performance in low air velocities
- Ideal for telecommunications applications where space is limited
- 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	3 °C/W	2.4 °C/W	2.3 °C/W	2 °C/W	1.9 °C/W	1.7 °C/W
	Ducted Flow	2.2	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
 *Image above is for illustration purpose only.*	58.20 mm	61.00 mm	6.10 mm	67.8 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-60004-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**.

| 89-27 Access Road | Norwood MA | 02062 | USA

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