BGA Heat Sink - High Performance maxiFLOW w/Thermal Tape



Image above is for illustration purpose only.

ATS Part#:	**ATS-52290G-C1-R0**
Description:	29.00 x 29.00 x 12.50 mm BGA Heat Sink - High Performance maxiFLOW w/Thermal Tape
Heat Sink Type:	maxiFLOW
Heat Sink Attachment:	Thermal Tape
Equivalent Part Number:	ATS-52290G-C2-R0

Features & Benefits

- **maxiFLOW™** design features a low profile, spread fin array that maximizes surface area for more effective convection (air) cooling
- Fabricated from extruded aluminum, which minimizes thermal resistance from the base to the fins, reduces weight and keeps costs low
- Higher performance helps ensure reliable product life at a lower cost than other extruded heat sinks

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	4.5 °C/W	3.7 °C/W	3.2 °C/W	2.8 °C/W	2.6 °C/W	2.4 °C/W	2.3 °C/W
	Ducted Flow	3.7	N/A	N/A	N/A	N/A	N/A	N/A

Product Detail

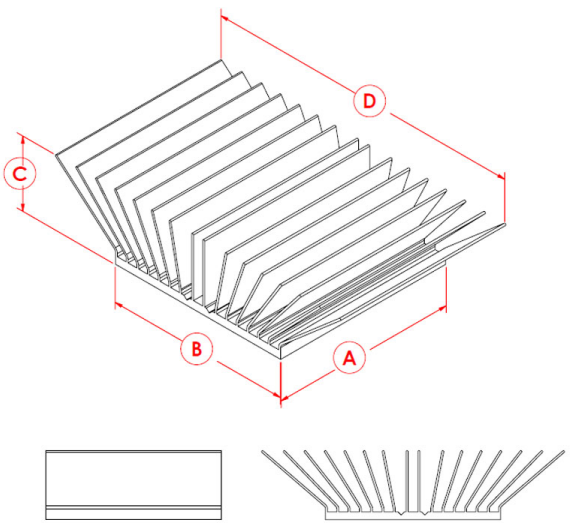
Schematic Image	Dimension A	Dimension B	Dimension C	Dimension D	TIM	Finish
	29.00 mm	29.00 mm	12.50 mm	51.74 mm	T412	BLUE-ANODIZED

Image above is for illustration purpose only.

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-52290G-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**.

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

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

Rev - 040517