Ultra High Performance BGA Cooling Solutions w/ Thermal Tape Attachment



ATS Part#: **ATS-52210B-C1-R0**

Description: maxiFLOW™ Heat Sink, T412, BLUE-ANODIZED

Heat Sink Type: maxiFLOW

Heat Sink Attachment: THERMAL TAPE

Equivalent Part Number: ATS-52210B-C2-R0

Image above is for illustration purpose only.

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
- Comes pre-assembled 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	11.86 °C/W	9.52 °C/W	8.20 °C/W	7.33 °C/W	6.69 °C/W	6.19 °C/W	5.79 °C/W
	Ducted Flow	8.81	n/a	n/a	n/a	n/a	n/a	n/a

Product Detail

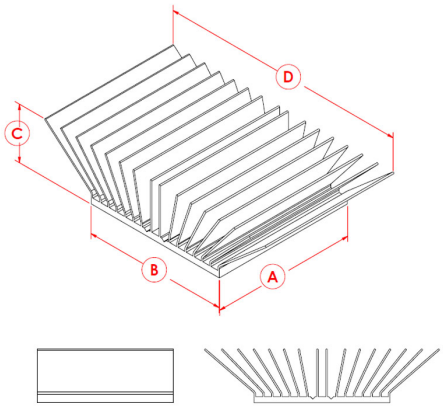
Schematic Image	Dimension A	Dimension B	Dimension C	Dimension D	TIM	Finish
	21.0 mm	21.0 mm	7.5 mm	34.6 mm	T412	BLUE-ANODIZED

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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-52210B-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.

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Rev - 121101