

BGA Heat Sink - High Performance maxiFLOW w/Thermal Tape



ATS Part#: **ATS-52170P-C1-R0**

Description: 17.00 x 17.00 x 17.50 mm BGA Heat Sink - High Performance maxiFLOW w/Thermal Tape

Heat Sink Type: maxiFLOW

Heat Sink Attachment: Thermal Tape

Equivalent Part Number: ATS-52170P-C2-R0

*Image above is for illustration purpose only.

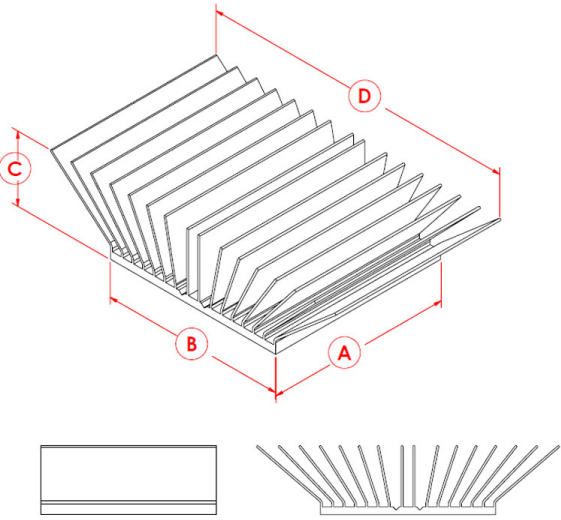
Features & Benefits

- 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

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	8.3 °C/W	6.9 °C/W	6 °C/W	5.4 °C/W	5 °C/W	4.6 °C/W	4.4 °C/W
	Ducted Flow	6.8	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
	17.00 mm	17.00 mm	17.50 mm	31.94 mm	T412	BLUE-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-52170P-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.						

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