

BGA Heat Sink - High Performance Cross-Cut Tape On



ATS Part#: **ATS-55210D-C1-R0**

Description: 21.00 x 21.00 x 9.50 mm BGA Heat Sink - High Performance Cross-Cut Tape On

Heat Sink Type: Cross-cut

Heat Sink Attachment: Tape On

Equivalent Part Number: **ATS-55210D-C2-R0**

*Image above is for illustration purpose only.

Features & Benefits

- High efficiency cross-cut fin design provides low pressure drop characteristics
- Large surface area increases heat sink performance
- Designed for BGAs and surface mount packages
- 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	N/A °C/W	N/A °C/W	15.5 °C/W	14 °C/W	12.9 °C/W	12 °C/W	11.3 °C/W
	Ducted Flow	12.9	10.8	9.5	8.6	7.9	7.4	6.9

Product Detail

Schematic Image	Dimension A	Dimension B	Dimension C	Dimension D	TIM	Finish
	21.00 mm	21.00 mm	9.50 mm	N/A 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-55210D-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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