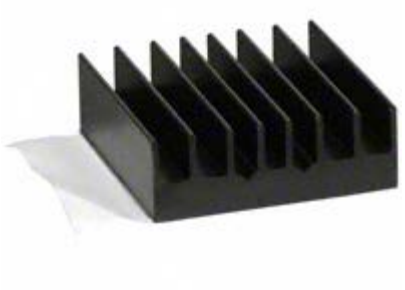
BGA Heat Sink - High Performance Straight Fin w/Thermal Tape



ATS Part#:	**ATS-54270D-C1-R0**
Description:	27.00 x 27.00 x 9.50 mm BGA Heat Sink - High Performance Straight Fin w/Thermal Tape
Heat Sink Type:	Straight Fin
Heat Sink Attachment:	Thermal Tape
Equivalent Part Number:	ATS-54270D-C2-R0

**Image above is for illustration purpose only.*

Features & Benefits

- High aspect ratio, straight fin heat sinks that are ideal for compact PCB environments
- Designed specifically for BGAs and other 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	14.1 °C/W	10.8 °C/W	9.3 °C/W	8.2 °C/W	7.5 °C/W	7 °C/W	6.5 °C/W
	Ducted Flow	7	N/A	N/A	N/A	N/A	N/A	N/A

Product Detail

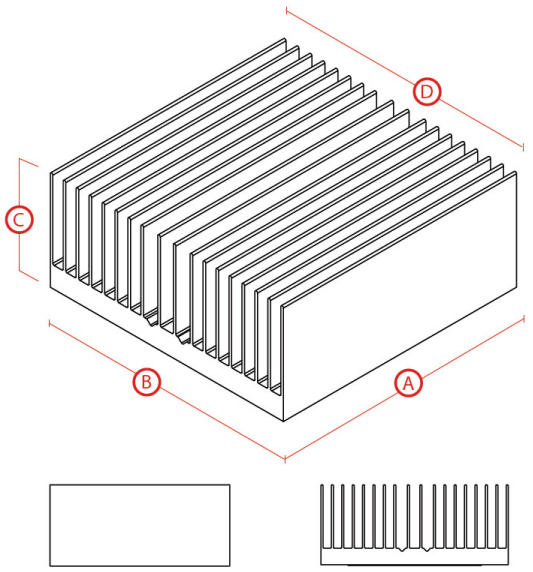
Schematic Image	Dimension A	Dimension B	Dimension C	Dimension D	TIM	Finish
	27.00 mm	27.00 mm	9.50 mm	N/A mm	T412	BLACK-ANODIZED

**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-54270D-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 - 040517

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