

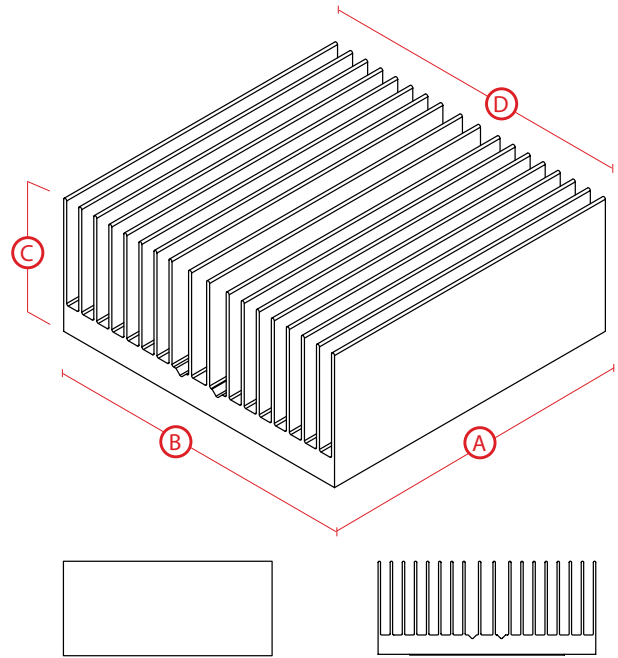


# High Performance BGA Cooling Solutions w/ Thermal Tape Attachment

**ATS PART # ATS-54190K-C2-R0**

## 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



*\*Image above is for illustration purposes only.*

## Thermal Performance

AIR VELOCITY		THERMAL RESISTANCE	
FT/MIN	M/S	°C/W (UNDUCTED FLOW)	°C/W (DUCTED FLOW)
200	1.0	12	7.4
300	1.5	9.6	
400	2.0	8.4	
500	2.5	7.5	
600	3.0	6.9	
700	3.5	6.4	
800	4.0	6	

## Product Details

DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D	INTERFACE MATERIAL	FINISH
19 mm	19 mm	14.5 mm	19 mm	SAINT-GOBAIN C675	BLACK-ANODIZED

### NOTES:

- 1) Dimension C = heat sink height from bottom of the base to the top of the fin field.
- 2) Thermal performance data are provided for reference only. Actual performance may vary by application.
- 3) ATS reserves the right to update or change its products without notice to improve the design or performance.
- 4) Contact ATS to learn about custom options available.



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