



High Performance BGA Cooling Solutions w/ Thermal Tape Attachment

ATS PART # ATS-55190K-C2-R0

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

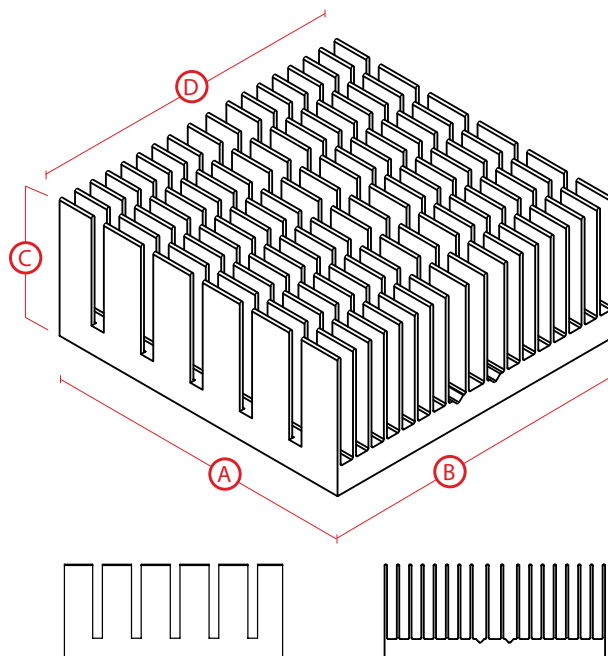


**Image above is for illustration purposes only.*

Thermal Performance

AIR VELOCITY		THERMAL RESISTANCE	
FT/MIN	M/S	°C/W (UNDUCTED FLOW)	°C/W (DUCTED FLOW)
200	1.0	13.1	NA
300	1.5	NA	
400	2.0	NA	
500	2.5	NA	
600	3.0	NA	
700	3.5	NA	
800	4.0	NA	

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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