



# High Performance BGA Cooling Solutions w/ maxiGRIP™ Attachment

**ATS PART # ATS-53425R-C2-R0**

## Features & Benefits

- » High aspect ratio, straight fin heat sinks that are ideal for compact PCB environments
- » maxiGRIP™ attachment applies steady, even pressure to the component and does not require holes in the PCB
- » Designed specifically for BGAs and other surface mount packages
- » Meets Telcordia GR-63-Core Office Vibration; ETSI 300 019 Transportation Vibration; and MIL-STD-810 Shock Testing and Unpackaged Drop Testing standards
- » 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	3	1.7
300	1.5	2.2	
400	2.0	1.9	
500	2.5	1.6	
600	3.0	1.5	
700	3.5	1.4	
800	4.0	1.3	

## Product Details

DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D	INTERFACE MATERIAL	FINISH
42.5 mm	42.5 mm	19.5 mm	42.5 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) Optional maxiGRIP™ Installation/Removal Tool Set P/N: MGT425
- 5) Contact ATS to learn about custom options available.



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**For more information, to find a distributor or to place an order, visit [www.qats.com](http://www.qats.com) or call: 781.769.2800 (North America); +31 (0) 3569 84715 (Europe).**