

## Ultra High Performance BGA Cooling Solutions w/ maxiGRIP™ Attachment

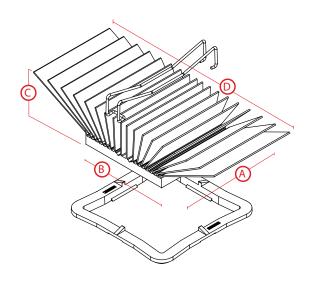
### ATS PART # ATS-50350G-C2-R0

#### **Features & Benefits**

- » maxiFLOW<sup>™</sup> design features a low profile, spread fin array that maximizes surface area for more effective convection (air) cooling
- » maxiGRIP™ attachment applies steady, even pressure to the component and does not require holes in the PCB
- » Meets Telcordia GR-63-Core Office Vibration; ETSI 300 019 Transportation Vibration; and MIL-STD-810 Shock and Unpackaged Drop Testing standards
- » Comes preassembled with high performance, phase changing, thermal interface material

**Thermal Performance** 

» Designed for standard height components from 3 to 4.5mm





\*Image above is for illustration purposes only.

AIR VELOCITY				THERMAL RESISTANCE		
FT/MIN		Μ	I/S	°C/W (UNDUCTED FLOW)	°C/W (DUCTED FLOW)	
	200	1	.0	3	2.2	
	300	1	.5	2.3		
	400	2	2.0	2		
500		2	2.5	1.8		
600		3	5.0	1.6		
700		3	5.5	1.5		
800		4	.0	1.4		

#### **Product Details**

DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D	INTERFACE MATERIAL	FINISH
35 mm	35 mm	12.5 mm	57.2 mm	SAINT-GOBAIN C1100F	BLUE-ANODIZED

#### NOTES:

- 2) ATS-50350G-C1-R0 is a subsitute item available utilizing an equivalent phase change
- material (Chomerics T766).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.
- 5) Optional maxiGRIP<sup>™</sup> Installation/Removal Tool Set P/N: MGT350
- 6) Contact ATS to learn about custom options available.



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

<sup>1)</sup> Dimension C = heat sink height from bottom of the base to the top of the fin field.