

BGA Heat Sink - High Performance maxiFLOW/maxiGRIP-STD



ATS Part#:	ATS-50325B-C1-R0
Description:	32.50 x 32.50 x 7.50 mm BGA Heat Sink - High Performance maxiFLOW/maxiGRIP-STD
Heat Sink Type:	maxiFLOW
Heat Sink Attachment:	maxiGRIP
Equivalent Part Number:	ATS-50325B-C2-R0 Discontinued

*Image above is for illustration purpose only.

Features & Benefits

- maxiFLOW™ 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
- Designed for standard height components from 3 to 4.5mm

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	5.9 °C/W	4.6 °C/W	3.9 °C/W	3.5 °C/W	3.2 °C/W	2.9 °C/W	2.7 °C/W
	Ducted Flow	4.2	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
	32.50 mm	32.50 mm	7.50 mm	45 mm	T766	BLUE-ANODIZED
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-50325B-C2-R0 is the exact heat sink assembly with an equivalent thermal interface material (Saint Gobain C1100F). NOTE: Saint Gobain C1100F is discontinued effective 12/31/10. - 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. - Optional maxiGRIP™ Installation/Removal Tool Set P/N: MGT170 - Contact ATS to learn about custom options available.						

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