## **BGA Heat Sink - High Performance** maxiFLOW/maxiGRIP-STD





ATS Part#: ATS-50375B-C1-R0

Description: 37.50 x 37.50 x 7.50 mm BGA Heat Sink - High Performance maxiFLOW/maxiGRIP-

Heat Sink Type: maxiFLOW Heat Sink Attachment: maxiGRIP

Equivalent Part Number: ATS-50375B-C2-R0 Discontinued

\*Image above is for illustration purpose only.

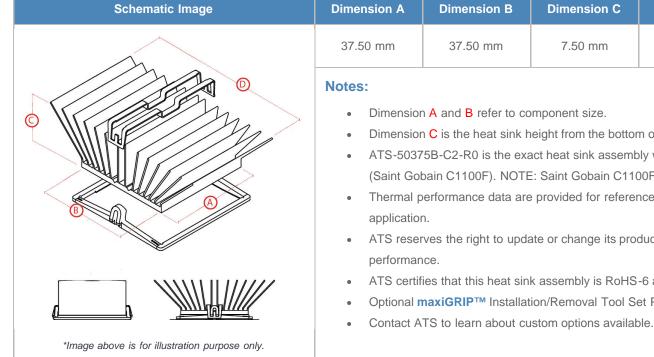
## Features & Benefits

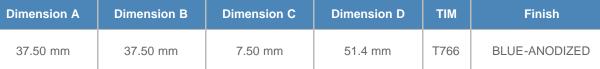
- maxiFLOW™ design features a low profile, spread fin array that maximizes surface area for more effective convection (air) cooling
- maxiGRIP™ attachment applies steady, even pressure to the component and does not require holes in the PCB
- Meets Telcordia GR-63-Core Office Vibration; ETSI 300 019 Transportation 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	4.9 °C/W	3.6 °C/W	3 °C/W	2.7 °C/W	2.5 °C/W	2.3 °C/W	2.1 °C/W
	Ducted Flow	3.3	N/A	N/A	N/A	N/A	N/A	N/A

## **Product Detail**





- Dimension C is the heat sink height from the bottom of the base to the top of the fin field.
- ATS-50375B-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
- ATS reserves the right to update or change its products without notice to improve the design or
- ATS certifies that this heat sink assembly is RoHS-6 and REACH compliant.
- Optional maxiGRIP™ Installation/Removal Tool Set P/N: MGT170



For more information, to find a distributor or to place an order, please contact us at 781-769-2800 (North America), sales@qats.com or www.qats.com.