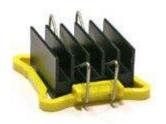
# BGA Heat Sink - High Performance Straight Fin w/maxiGRIP





ATS Part#:

Description:

#### ATS-53170R-C1-R0

17.00 x 17.00 x 19.50 mm  $\,$  BGA Heat Sink - High Performance Straight Fin w/maxiGRIP

Heat Sink Type:Straight FinHeat Sink Attachment:maxiGRIPEquivalent Part Number:ATS-53170R-C2-R0 Discontinued

\*Image above is for illustration purpose only.

### **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, phase changing, thermal interface material

## **Thermal Performance**

		@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	9.3 °C/W	7.3 °C/W	6.3 °C/W	5.7 °C/W	5.2 °C/W	4.9 °C/W	4.6 °C/W
	Ducted Flow	5.6	N/A	N/A	N/A	N/A	N/A	N/A

## **Product Detail**

Schematic Image	Dimension A	Dimension B	Dimension C	Dimension D	ТІМ	Finish
	17.00 mm	17.00 mm	19.50 mm	N/A mm	T766	BLACK-ANODIZED
Image above is for illustration purpose only.	<ul> <li>Dimension</li> <li>ATS-5317 (Saint Gol</li> <li>Thermal p application</li> <li>ATS resent performant</li> <li>ATS certif</li> <li>Optional r</li> </ul>	rves the right to upd	height from the botto act heat sink assem E: Saint Gobain C11 e provided for refere ate or change its pro ak assembly is RoHS tion/Removal Tool S	bly with an equivale 00F is discontinued ence only. Actual pe oducts without notice 6-6 and REACH cor Set P/N: MGT170	ent therma effective rformance e to impro	al interface material 12/31/10. e may vary by

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**.



© 2013 Advanced Thermal Solutions, Inc. | 89-27 Access Road | Norwood MA | 02062 | USA

Rev - 040517