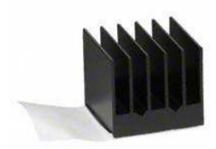
# **BGA Heat Sink - High Performance** Straight Fin w/Thermal Tape



ATS Part#:

Description:

#### ATS-54170K-C1-R0

17.00 x 17.00 x 14.50 mm BGA Heat Sink - High Performance Straight Fin w/Thermal Tape

Heat Sink Type:	Straight Fin
Heat Sink Attachment:	Thermal Tape
Equivalent Part Number:	ATS-54170K-C2-R0

\*Image above is for illustration purpose only.

#### **Features & Benefits**

- High aspect ratio, straight fin heat sinks that are ideal for compact PCB environments •
- Designed specifically for BGAs and other surface mount packages •
- Comes preassembled with high performance thermal interface material •

### **Thermal Performance**

AIR VELOCIT	Y	@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	13.1 °C/W	10.4 °C/W	9 °C/W	8.1 °C/W	7.4 °C/W	6.9 °C/W	6.5 °C/W
	Ducted Flow	7.8	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	14.50 mm	N/A mm	T412	BLACK-ANODIZED	
Image above is for illustration purpose only.	<ul> <li>Notes:</li> <li>Dimension A and B refer to component size.</li> <li>Dimension C is the heat sink height from the bottom of the base to the top of the fin field.</li> <li>ATS-54170K-C2-R0 is the exact heat sink assembly with an equivalent thermal interface material (Saint-Gobain C675).</li> <li>Thermal performance data are provided for reference only. Actual performance may vary by application.</li> <li>ATS reserves the right to update or change its products without notice to improve the design or performance.</li> <li>ATS certifies that this heat sink assembly is RoHS-6 and REACH compliant.</li> <li>Contact ATS to learn about custom options available.</li> </ul>						

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

