

# High Performance BGA Cooling Solutions w/ Thermal Tape Attachment



ATS Part#: **ATS-55330K-C1-R0**  
 Description: High Performance X-CUT - Heat Sink, T412, BLACK-ANODIZED

Heat Sink Type: **Cross-Cut**  
 Heat Sink Attachment: **THERMAL TAPE**  
 Equivalent Part Number: **ATS-55330K-C2-R0**

*\*Image above is for illustration purpose only.*

## Features & Benefits

- High efficiency cross-cut fin design provides low pressure drop characteristics
- Large surface area increases heat sink performance
- Designed specifically for BGAs and other surface mount packages
- Comes pre-assembled with high performance thermal interface material

## 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	6.42 °C/W	5.16 °C/W	4.48 °C/W	4.02 °C/W	3.69 °C/W	3.44 °C/W	3.23 °C/W
	Ducted Flow	n/a	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
<p><i>*Image above is for illustration purpose only.</i></p>	33.0 mm	33.0 mm	14.5 mm	mm	T412	BLACK-ANODIZED
<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Dimension <b>A</b> and <b>B</b> refer to component size.</li> <li>• Dimension <b>C</b> is the heat sink height from the bottom of the base to the top of the fin field.</li> <li>• ATS-55330K-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](mailto:sales@qats.com) or [www.qats.com](http://www.qats.com).

© 2012 Advanced Thermal Solutions, Inc. | 89-27 Access Road | Norwood MA | 02062 | USA



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Heat Sinks](#) category:*

*Click to view products by [Advanced Thermal Solutions](#) manufacturer:*

Other Similar products are found below :

[581102B00000G](#) [630-35ABT3](#) [656-15ABPE](#) [657-20ABPNE](#) [73452PPBA](#) [7721-13NG](#) [7G0011A](#) [FI306/SE](#) [PF720G](#) [A22-4026](#) [120-1873-007](#) [HAH10L](#) [1542256-2](#) [1542026-1](#) [1542616-1](#) [HS-2506-F1](#) [HS-87M0-F2](#) [218-40CTE3](#) [25-7520](#) [188854F00000G](#) [F-QB-F1](#) [APA501-60-003](#) [253-122ABE-22](#) [PSC22CB](#) [CLP-201](#) [CLP212SG](#) [CLP-7701G](#) [HAA072](#) [HAA083](#) [HAF10L](#) [HAQ10T](#) [D10100-28](#) [TO5-002D](#) [513101B02500G](#) [BDN183CBA01](#) [531202B0000](#) [HS-56M0-C1](#) [3-21053-4](#) [TX0506-1B](#) [TX1806B](#) [336614B-00000](#) [V2004X](#) [LAE66A3CB](#) [WA-DT2-101E](#) [511-3U](#) [017177](#) [530510B00000G](#) [6110BG](#) [73381PPBA](#) [73403PPBA](#)