BGA Heat Sink - High Performance Cross-Cut Tape On

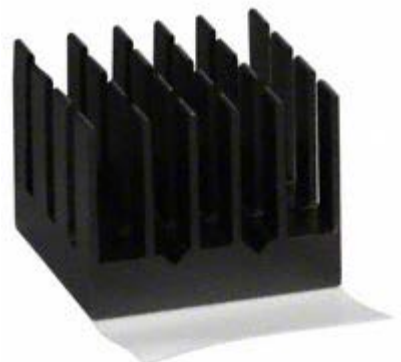


Image above is for illustration purpose only.

ATS Part#: **ATS-55190K-C1-R0**

Description: 19.00 x 19.00 x 14.50 mm BGA Heat Sink - High Performance Cross-Cut Tape On

Heat Sink Type: Cross-cut

Heat Sink Attachment: Tape On

Equivalent Part Number: ATS-55190K-C2-R0

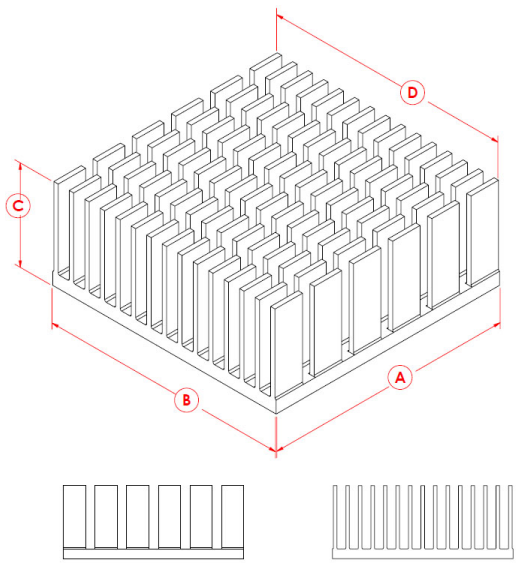
Features & Benefits

- High efficiency cross-cut fin design provides low pressure drop characteristics
- Large surface area increases heat sink performance
- Designed for BGAs and surface mount packages
- Comes preassembled 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	13.1 °C/W	NA °C/W	NA °C/W	NA °C/W	NA °C/W	NA °C/W	NA °C/W
	Ducted Flow	0	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
 *Image above is for illustration purpose only.*	19.00 mm	19.00 mm	14.50 mm	N/A mm	T412	BLACK-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-55190K-C2-R0 is the exact heat sink assembly with an equivalent thermal interface material (Saint-Gobain C675).
- 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.
- Contact ATS to learn about custom options available.

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.

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