

High Performance ASIC Cooling Solutions w/Thermal Tape Attachment



ATS Part#:	ATS-56010-C1-R0
Description:	maxiFLOW™ Heat Sink, T412, BLACK-ANODIZED
Heat Sink Type:	maxiFLOW
Heat Sink Attachment:	THERMAL TAPE
Equivalent Part Number:	ATS-56010-C3-R0

**Image above is for illustration purpose only.*

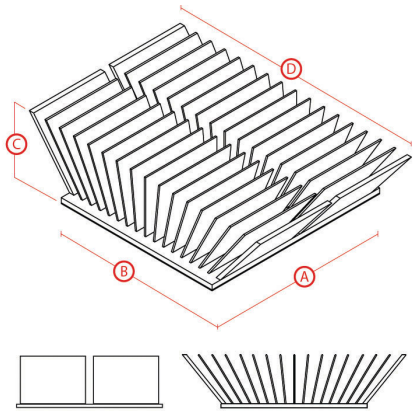
Features & Benefits

- **maxiFLOW™** design features a low profile, spread fin array that maximizes surface area for more effective convection (air) cooling
- Designed specifically for ASIC package and their unique cooling requirements
- 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	4.00 °C/W	3.30 °C/W	2.60 °C/W	2.30 °C/W	2.00 °C/W	1.90 °C/W	1.80 °C/W
	Ducted Flow	2.30	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
	50.0 mm	45.0 mm	8.5 mm	66.6 mm	T412	BLACK-ANODIZED
Notes: • Dimension A and B refer to heat sink length and width • Dimension C is the heat sink height from the bottom of the base to the top of the fin field. • ATS-56010-C3-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.						

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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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