# High Performance ASIC Cooling Solutions w/Thermal Tape Attachment





ATS Part#: ATS-56005-C1-R0

Description: maxiFLOW™ Heat Sink, T412, BLACK-ANODIZED

Heat Sink Type: maxiFLOW
Heat Sink Attachment: THERMAL TAPE
Equivalent Part Number: ATS-56005-C3-R0

\*Image above is for illustration purpose only.

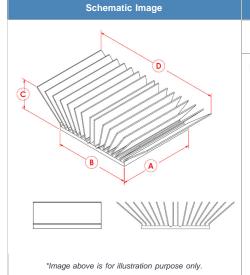
## **Features & Benefits**

- 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	2.80 °C/W	2.20 °C/W	1.60 °C/W	1.40 °C/W	1.20 °C/W	1.10 °C/W	1.00 °C/W
	Ducted Flow	1.65	n/a	n/a	n/a	n/a	n/a	n/a

### **Product Detail**



Dimension A	Dimension B	Dimension C	Dimension D	TIM	Finish
50.0 mm	45.0 mm	15.0 mm	64.0 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-56005-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.

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.

