

High Performance ASIC Cooling Solutions w/Thermal Tape Attachment



ATS Part#: **ATS-56012-C1-R0**
 Description: maxiFLOW™ Heat Sink, T412, GOLD-ANODIZED

Heat Sink Type: maxiFLOW
 Heat Sink Attachment: THERMAL TAPE
 Equivalent Part Number: ATS-56012-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	2.10 °C/W	1.77 °C/W	1.57 °C/W	1.43 °C/W	1.33 °C/W	1.25 °C/W
	Ducted Flow	1.40	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
<i>*Image above is for illustration purpose only.</i>	42.0 mm	42.0 mm	16.0 mm	62.0 mm	T412	GOLD-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-56012-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.

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