# **BGA Heat Sink - High Performance** maxiFLOW w/Thermal Tape





ATS Part#: ATS-52310G-C1-R0

Description: 31.00 x 31.00 x 12.50 mm BGA Heat Sink - High Performance maxiFLOW w/Thermal

Tape

Heat Sink Type: maxiFLOW
Heat Sink Attachment: Thermal Tape

Equivalent Part Number: ATS-52310G-C2-R0

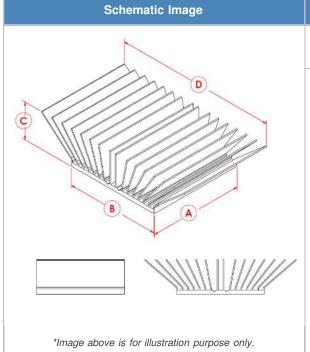
#### **Features & Benefits**

- maxiFLOW™ design features a low profile, spread fin array that maximizes surface area for more effective convection (air) cooling
- · Fabricated from extruded aluminum, which minimizes thermal resistance from the base to the fins, reduces weight and keeps costs low
- · Higher performance helps ensure reliable product life at a lower cost than other extruded heat sinks

### **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	4.3 °C/W	3.5 °C/W	3 °C/W	2.7 °C/W	2.5 °C/W	2.3 °C/W	2.2 °C/W
	Ducted Flow	3.5	N/A	N/A	N/A	N/A	N/A	N/A

## **Product Detail**



Dimension A	Dimension B	Dimension C	Dimension D	TIM	Finish
31.00 mm	31.00 mm	12.50 mm	54.94 mm	T412	BLUE-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-52310G-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**.



<sup>\*</sup>Image above is for illustration purpose only.