# **BGA Heat Sink - High Performance Cross-Cut Tape On**





ATS Part#: ATS-55210D-C1-R0

Description: 21.00 x 21.00 x 9.50 mm BGA Heat Sink - High Performance Cross-Cut Tape On

Heat Sink Type: Cross-cut
Heat Sink Attachment: Tape On

Equivalent Part Number: ATS-55210D-C2-R0

\*Image above is for illustration purpose only.

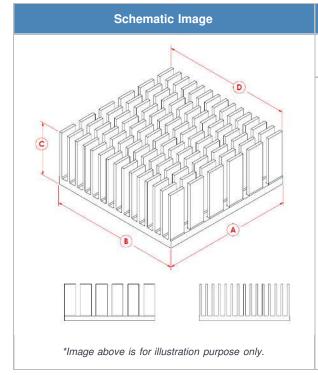
### **Features & Benefits**

- 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	N/A °C/W	N/A °C/W	15.5 °C/W	14 °C/W	12.9 °C/W	12 °C/W	11.3 °C/W
	Ducted Flow	12.9	10.8	9.5	8.6	7.9	7.4	6.9

## **Product Detail**



Dimension A	Dimension B	Dimension C	Dimension D	TIM	Finish	
21.00 mm	21.00 mm	9.50 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-55210D-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.