High Performance BGA Cooling Solutions w/ Thermal Tape Attachment





ATS Part#:

ATS-54170D-C1-R0

Description:

High Performance Extrusion, T412, BLACK-ANODIZED

Heat Sink Type: Straight Fin Heat Sink Attachment: Equivalent Part Number: ATS-54170D-C2-R0

THERMAL TAPE

*Image above is for illustration purpose only.

Features & Benefits

- · High aspect ratio, straight fin heat sinks that are ideal for compact PCB environments
- Designed specifically for BGAs and other surface mount packages .
- . Comes pre-assembled with high performance thermal interface material

Thermal Performance

		@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	24.30 °C/W	19.05 °C/W	10.00 °C/W				
	Ducted Flow	10.00	n/a	n/a	n/a	n/a	n/a	n/a

Product Detail

Schematic Image	Dimension A	Dimension B	Dimension C	Dimension D	ТІМ	Finish			
	17.0 mm	17.0 mm	9.5 mm	mm	T412	BLACK-ANODIZED			
Image above is for illustration purpose only.	 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-54170D-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.



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