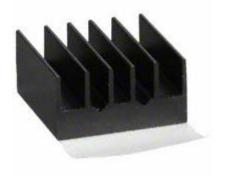
BGA Heat Sink - High Performance Straight Fin w/Thermal Tape





ATS Part#: **ATS-54190D-C1-R0**

Description: 19.00 x 19.00 x 9.50 mm BGA Heat Sink - High Performance Straight Fin w/Thermal

Tape

Heat Sink Type: Straight Fin
Heat Sink Attachment: Thermal Tape

Equivalent Part Number: ATS-54190D-C2-R0

*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 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	22 °C/W	17.5 °C/W	15.1 °C/W	13.5 °C/W	12.3 °C/W	11.4 °C/W	10.7 °C/W
	Ducted Flow	11.6	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
	19.00 mm	19.00 mm	9.50 mm	N/A mm	T412	BLACK-ANODIZED
*Image above is for illustration purpose only.	 Dimensio ATS-5419 (Saint-Go Thermal papplicatio ATS reseprormar ATS certification 	bain C675). performance data ar n. rves the right to upo	neight from the botto act heat sink assem e provided for refere ate or change its pro	ably with an equivalence only. Actual peroducts without notices	ent therma	al interface material e may vary by

