BGA Heat Sink (High Aspect Ratio Ext.) **Custom Pin Fin**



ATS Part#:

Description:

14.00 x 14.00 x 3.00 mm BGA Heat Sink (High Aspect Ratio Ext.) Custom Pin Fin

ATS014014003-PF-3B

Heat Sink Type: Heat Sink Attachment: N/A Equivalent Part Number: N/A

Custom Pin Fin

*Image above is for illustration purpose only.

Features & Benefits

- · High efficiency pin fin design provides low pressure drop characteristics
- Large surface area increases heat sink performance .
- . Fabricated from extruded aluminum, which minimizes thermal resistance from the base to the fins, reduces weight and keeps costs low
- Comes standard without interface material or with most common pressure sensitive thermal tapes as a custom option ٠

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	80.79 °C/W	71.8 °C/W	66.9 °C/W	62.8 °C/W	59.3 °C/W	56.5 °C/W	54 °C/W
	Ducted Flow	37.4	31.3	27.5	24.9	22.9	21.4	20.1

Product Detail

Schematic Image	Dimension A	Dimension B	Dimension C	Dimension D	ТІМ	Finish
alla	14.00 mm	14.00 mm	3.00 mm	14 mm	N/A	BLACK-ANODIZED
Image above is for illustration purpose only.	 Dimensior Dimensior Thermal p application ATS reserver performan ATS certification 	D is fin tip to fin tip erformance data are n. ves the right to upda ce.	e provided for refere ate or change its pro	m of the base to the nce only. Actual perf ducts without notice -6 and REACH com ble.	formanc to impr	e may vary by

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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