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



ATS Part#:

Description:

ATS037037020-PF-12S

37.00 x 37.00 x 20.00 mm BGA Heat Sink (High Aspect Ratio Ext.) Custom Pin Fin

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

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	3.16 °C/W	2.3 °C/W	1.9 °C/W	1.7 °C/W	1.5 °C/W	1.4 °C/W	1.3 °C/W
	Ducted Flow	1.8	1.5	1.3	1.2	1.2	1.1	1

Product Detail

Schematic Image	Dimension A	Dimension B	Dimension C	Dimension D	ТІМ	Finish
ring	37.00 mm	37.00 mm	20.00 mm	37 mm	N/A	BLACK-ANODIZED
'Inage above is for illustration purpose only.	 Dimensior Dimensior Thermal p application ATS reser performan ATS certif 	 D is fin tip to fin tip performance data are n. a. b. the right to update b. the right to update 	e provided for refere ate or change its pro k assembly is RoHS	m of the base to the nce only. Actual perf ducts without notice 6-6 and REACH com ble.	ormanc 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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