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



ATS Part#: ATS019019009-PF-6H

Description: 19.00 x 19.00 x 9.00 mm BGA Heat Sink (High Aspect Ratio Ext.) Custom Pin Fin



Heat Sink Type: Custom Pin Fin

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

\*Image above is for illustration purpose only.

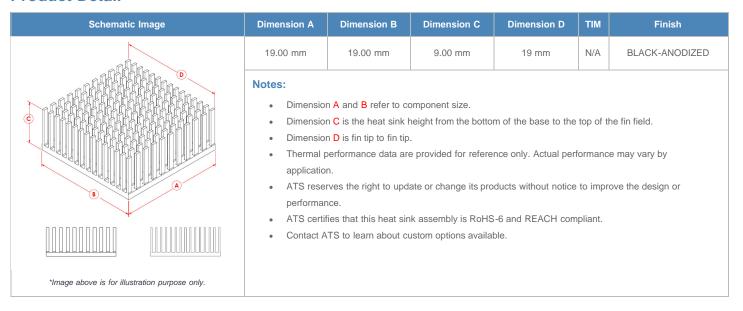
## **Features & Benefits**

- · 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

## **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	16.05 °C/W	12.5 °C/W	10.7 °C/W	9.6 °C/W	8.8 °C/W	8.2 °C/W	7.7 °C/W
	Ducted Flow	9.6	8.1	7.2	6.5	6	5.6	5.3

## **Product Detail**



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.

