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



ATS Part#: ATS045045019-PF-15R

Description: 45.00 x 45.00 x 19.00 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	2.7 °C/W	1.8 °C/W	1.5 °C/W	1.3 °C/W	1.2 °C/W	1.1 °C/W	1 °C/W
	Ducted Flow	1.4	1.2	1.1	1	0.9	0.8	0.8

## **Product Detail**





