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



ATS Part#: ATS042042020-PF-14S

Description: 42.00 x 42.00 x 20.00 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	2.76 °C/W	1.9 °C/W	1.6 °C/W	1.4 °C/W	1.2 °C/W	1.2 °C/W	1.1 °C/W
	Ducted Flow	1.5	1.2	1.1	1	0.9	0.9	0.8

Product Detail





