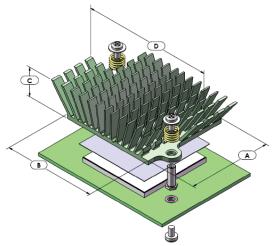
maxiFLOW™ Cross Cut
High Performance Heat Sinks
with Hardware Attachment



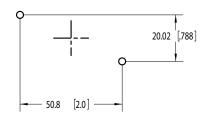
ATS PART # ATS-1043-C3-R0

Features & Benefits

- » For larger heat sinks and higher pre-loads, push pins with compression springs are an effective mounting choice. The push pin has a flexible barb at the end that is designed to engage with a pre-drilled hole in a PWB. The compression spring adds the necessary force to hold the assembly together. Provides better thermal performance than comparable size straight fin and pin fin heat sinks.
- » Features proven high performance maxiFLOW™ heat sink spread fin array to maximize cooling surfaces.
- » Ideal for tight spaced components where wider heat sinks can't be used.
- » Provided with pre-assembled thermal interface material centered on base.
- » PEM Stand-off with compression and screws.
- » Reccomended through hole size in PCB is 3.00 mm.



HOLE PATTERN B



*Image above is for illustration purposes only.

Thermal Performance

AIR VELOCITY		THERMAL RESISTANCE (°C/W UNDUCTED)		
T/MIN	M/S	AIR FLOW STRAIGHT	AIR FLOW SIDEWAYS	
200	1.0	1.9	3.6	
300	1.5	1.6	2.8	
400	2.0	1.3	2.1	
500	2.5	1.1	1.6	
600	3.0	1.0	1.3	
	T/MIN 200 300 400 500	T/MIN M/S 200 1.0 300 1.5 400 2.0 500 2.5	FT/MIN M/S AIR FLOW STRAIGHT 200 1.0 1.9 300 1.5 1.6 400 2.0 1.3 500 2.5 1.1	

Product Details

DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D	INTERFACE MATERIAL	FINISH
41 mm	45 mm	25 mm	79 mm	CHOMERICS T766	GREEN ANODIZED

NOTES:

- Dimension C = heat sink height from bottom of the base to the top of the fin field.
- Thermal performance data are provided for reference only. Actual performance may vary by application.
- ATS reserves the right to update or change its products without notice to improve the design or performance.
- Contact ATS to learn about custom options available.



For more information, to find a distributor or to place an order, visit www.Qats.com or call: 781.769.2800 (North America); +31 (0) 3569 84715 (Europe).