

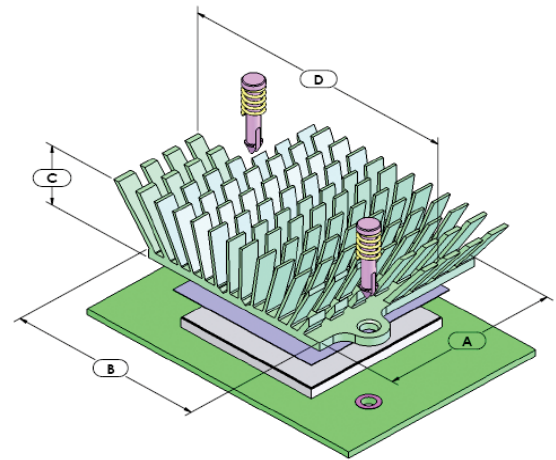


# maxiFLOW™ Cross Cut High Performance Heat Sinks with Metal Push Pin

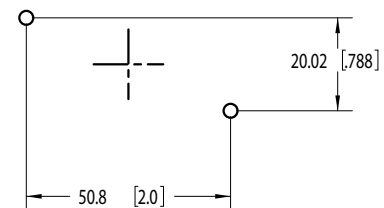
**ATS PART # ATS-1042-C2-R0**

## 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.
- » Brass pushpin with steel compression spring.
- » Recommended 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)	
FT/MIN	M/S	AIR FLOW STRAIGHT	AIR FLOW SIDEWAYS
200	1.0	3.3	5.6
300	1.5	2.5	4.3
400	2.0	2.0	3.4
500	2.5	1.8	2.6
600	3.0	1.7	2.2

## Product Details

DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D	INTERFACE MATERIAL	FINISH
41 mm	45 mm	15 mm	64 mm	CHOMERICS T766	GREEN ANODIZED

### NOTES:

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



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