

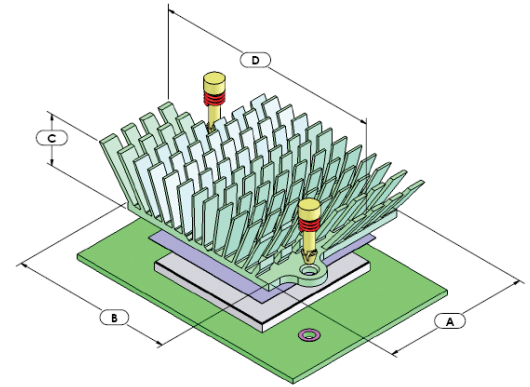
# maxiFLOW™ Cross Cut High Performance Heat Sinks with Plastic Push Pin



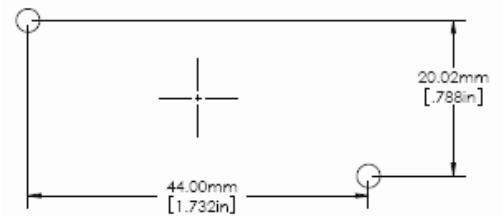
**ATS PART # ATS-1041-C1-R0**

## 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
- » Nylon push pin 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	5	6.2
300	1.5	3.9	4.9
400	2.0	3.3	3.9
500	2.5	2.8	3.3
600	3.0	2.5	3

## Product Details

DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D	INTERFACE MATERIAL	FINISH
41 mm	45 mm	10 mm	57 mm	CHOMERICS T-766	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
- 4) CONTACT ATS TO LEARN ABOUT CUSTOM OPTIONS AVAILABLE



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