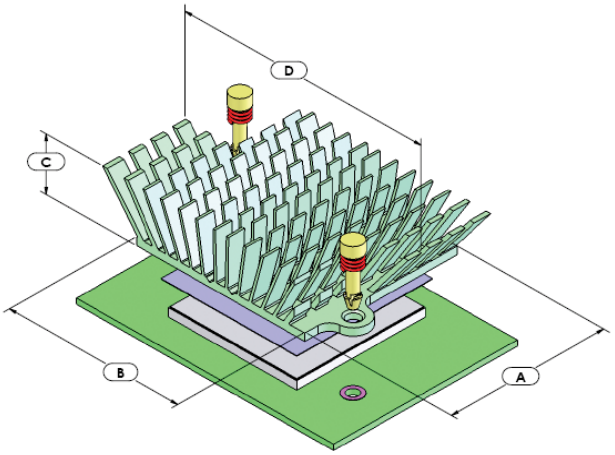
maxiFLOW™ Cross Cut High Performance Heat Sinks with Plastic Push Pin

ATS PART # ATS-1042-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 pushpin with steel compression spring.
- Reccomended through hole size in PCB is 3.00 mm.

HOLE PATTERN B

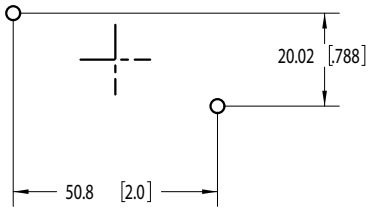


Image above is for illustration purposes only.

Thermal Performance

AIR VELOCITY		THERMAL RESISTANCE (°C/W UNDUCTED)	
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.

ATS ADVANCED THERMAL SOLUTIONS, INC.
Innovations in Thermal Management®

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).

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