

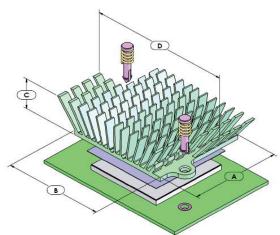
# maxiFLOW<sup>™</sup> Cross Cut High Performance Heat Sinks with Metal Push Pin

### ATS PART # ATS-1041-C2-R0

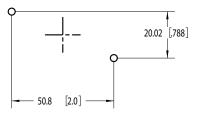
#### **Features & Benefits**

- 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.
- » Reccomended through hole size in PCB is 3.00 mm.

**Thermal Performance** 







\*Image above is for illustration purposes only.

AIR VELOCITY		THERMAL RESISTANCE (°C/W UNDUCTED)		
FT/MIN	M/S	AIR FLOW STRAIGHT	AIR FLOW SIDEWAYS	
200	1.0	5.0	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	3.0	

## Product Details

DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D	INTERFACE MATERIAL	FINISH
41 mm	45 mm	10 mm	57 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.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.



# 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).