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

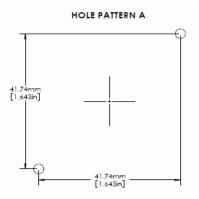


# **ATS PART # ATS-1038-C2-R0**

# **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 push pin with steel compression spring
- » Reccomended through hole size in PCB is 3.00 mm

# C A A



\*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
40 mm	38 mm	10 mm	47 mm	CHOMERICS T-766	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
- 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).