

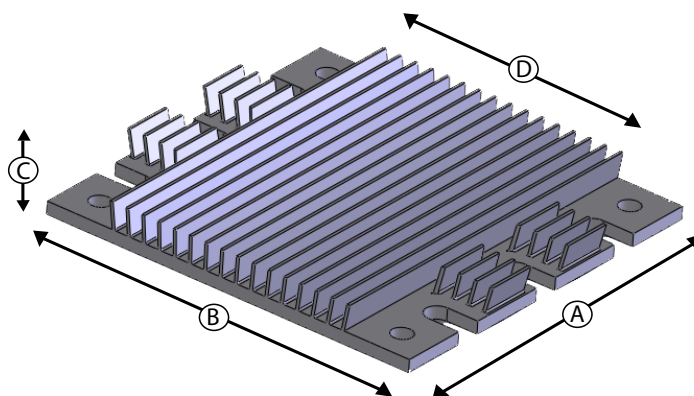


maxiFLOW™ Heat Sink for Half Brick DC-DC Converter

ATS PART # ATS-1144-C1-R0

Features & Benefits

- » High performance maxiFLOW™ design features less pressure drop and more surface area that maximizes the effective convection (air) cooling
- » Hole pattern fits standard half power brick modules
- » Pre-assembled with Chomerics T766 phase change material
- » Heat sink assembly packaged with 3 sets of screws (M3 Philips Pan Head) at 5, 6 and 8 mm lengths



**Image above is for illustration purposes only.*

Thermal Performance

AIR VELOCITY		THERMAL RESISTANCE	
FT/MIN	M/S	°C/W (UNDUCTED FLOW)	°C/W (DUCTED FLOW)
200	1.0	3.91	N/A
300	1.5	2.23	
400	2.0	1.58	
600	3.0	1.09	
800	4.0	0.89	

Product Details

DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D	INTERFACE MATERIAL	FINISH
58.00 mm	61.00 mm	11.40 mm	64.20 mm	CHOMERICS T766	GOLD 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) Standard lead time is 4-6 weeks ARO.
- 5) 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).