maxiFLOW™ Heat Sink for Eighth Brick DC-DC Converter

ATS PART #ATS-1186-C1-R0



*Image is for illustration purposes only.

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 eighth 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

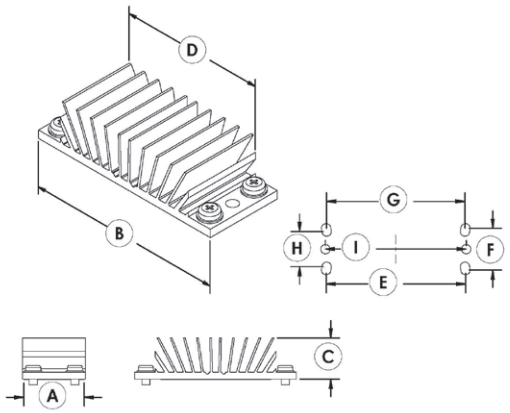
Assembly Part Number 4 Screws per Set	Length (mm)
ATS-1186-C2-R0	5
ATS-1186-C3-R0	6
ATS-1186-C4-R0	8

Thermal Performance

AIR VELOCITY		THERMAL RESISTANCE	
FT/MIN	M/S	°C/W (UNDUCTED FLOW)	°C/W (DUCTED FLOW)
200	1.0	3.0	2.58
300	1.5	2.5	
400	2.0	2.2	
500	2.5	2.0	
600	3.0	1.9	
700	3.5	1.7	
800	4.0	1.7	

Product Details

DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D	DIMENSION E	DIMENSION F	DIMENSION G	DIMENSION H	DIMENSION I	INTERFACE MATERIAL	FINISH
23.0 mm	59.0 mm	22.9 mm	44.0 mm	50.8 mm	15.2 mm	50.4 mm	12.8 mm	51.3 mm	CHOMERICS T766	GOLD ANODIZED



NOTES:

1) Thermal performance data are provided for reference only. Actual performance may vary by application.
2) ATS reserves the right to update or change its products without notice to improve the design or performance.
3) Standard lead time is 4-6 weeks ARO.
4) Contact ATS to learn about custom options available.
5) Dimension C = heat sink height from bottom of the base to the top of the fin field.
6) Dimension D = Fin Tip to Fin Tip
7) Dimension E = Hole Width
8) Dimension F = Hole Length
9) Dimension G = Short Hole Width
10) Dimension H = Short Hole Length
11) Dimension I = Center Hole

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Innovations in Thermal Management®

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