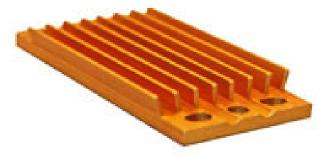


maxiFLOW[™] Heat Sink for Eighth Brick DC-DC Converter

ATS PART # ATS-1178-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 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



*Image is for illustration purposes only.

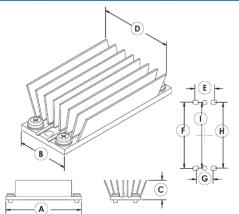
Assembly Part Number 4 Screws per Set	Length (mm)		
ATS-1178-C2-R0	5		
ATS-1178-C3-R0	6		
ATS-1178-C4-R0	8		

Thermal Performance

AIR VELOCITY		6.19THERMAL RESISTANCE			
FT/MIN	M/S	°C/W (UNDUCTED FLOW)	°C/W (DUCTED FLOW)		
200	1.0	18.9	6.2		
300	1.5	13.0			
400	2.0	10.0			
500	2.5	8.3			
600	3.0	7.3			
700	3.5	6.6			
800	4.0	6.1			

Product Details

DIMENSION	INTERFACE	FINISH								
A	B	C	D	E	F	G	H	I	MATERIAL	
59.0 mm	23.0 mm	6.1 mm	26.1 mm	15.2 mm	50.8 mm	12.8 mm	50.4 mm	51.3 mm	CHOMERICS T766	GOLD ANODIZED



NOTES:

- 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.
- 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

