

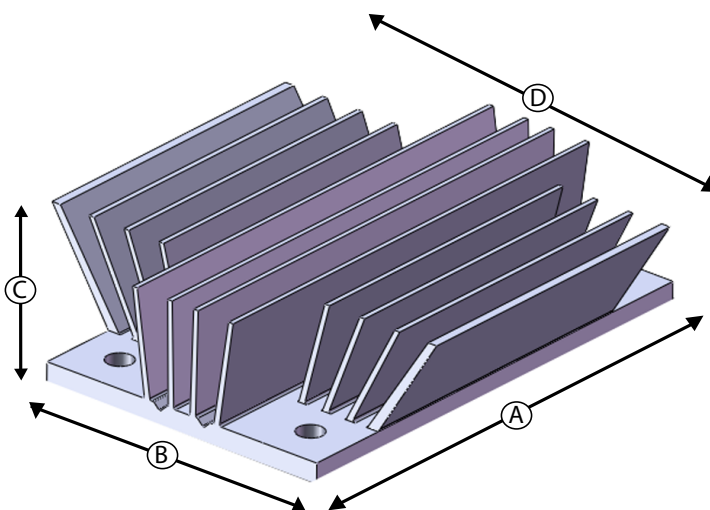


maxiFLOW™ Heat Sink for Quarter Brick DC-DC Converter

ATS PART # ATS-1099-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 quarter 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 | 4.32 | N/A |
| 300 | 1.5 | 2.96 | |
| 400 | 2.0 | 2.44 | |
| 600 | 3.0 | 1.92 | |
| 800 | 4.0 | 1.66 | |

Product Details

| DIMENSION A | DIMENSION B | DIMENSION C | DIMENSION D | INTERFACE MATERIAL | FINISH |
|-------------|-------------|-------------|-------------|--------------------|---------------|
| 58.00 mm | 37.00 mm | 11.40 mm | 48.20 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).