

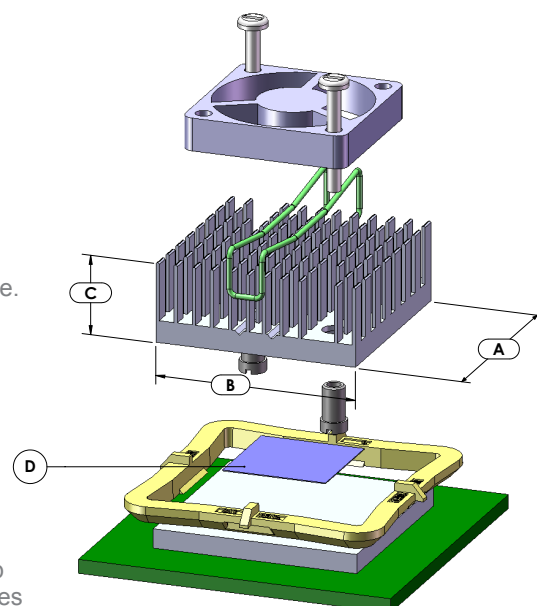


# ATS fanSINK™ with maxiGRIP™ Attachment

**ATS PART # ATS-61450W-C1-R0**

## Features & Benefits

- » X-Cut straight fin heat sink fins offer omnidirectional air flow for optimum thermal performance independent of PCB lay-out
- » Stainless steel screw fan attachment ensures dependable long-term fan to heat sink assembly. 4-40 thread screws are supplied in 4 lengths (1/2", 3/4", 7/8", 1"). Contact ATS for custom options available.
- » Product hole pattern is 37 mm C-C (center to center)
- » Component Attachment: ATS maxiGRIP™ is a proven high reliability mechanical attachment system
- » Meets Telecordia GR-63-Core Office Vibration; ETSI 300 019 Transportation Vibration; and MIL-STD-810 Shock Testing and Unpackaged Drop Testing Standards
- » maxiGRIP™ hardware includes a high performance plastic frame clip and 300 Series stainless steel spring clip- avoiding PCB through holes
- » Provided with pre-assembled Thermal Interface Material (TIM) centered on base
- » "Keep-Out" Requirements: An "Un-Populated" boarder zone of 5 mm around the component is necessary to facilitate the installation/ removal of the maxiGRIP™. Please refer to the maxiGRIP™ Keep-Out Guidelines and Installation/Removal Instructions for further details



*\*Image above is for illustration purposes only.*

## FAN NOT INCLUDED

Fan type is specific to individual customer requirements and needs to be independently sourced.

## Suggested Fan Details

| DIMENSIONS            | PART #     | DISTRIBUTOR | VOLTAGE | THERMAL RESISTANCE |
|-----------------------|------------|-------------|---------|--------------------|
| 45 mm x 45 mm x 10 mm | KD0545PFS1 | DIGI-KEY    | 5V      | 0.37 °C/W          |
| 45 mm x 45 mm x 10 mm | KD1245PFS1 | DIGI-KEY    | 12V     | 0.37 °C/W          |

## Heat Sink Details

| DIM A | DIM B | DIM C   | DIM D      | INTERFACE MATERIAL | FINISH         | ATTACHMENT | FAN               |
|-------|-------|---------|------------|--------------------|----------------|------------|-------------------|
| 45 mm | 45 mm | 24.5 mm | 32 x 32 mm | CHOMERICS T412     | BLACK ANODIZED | maxiGRIP™  | CUSTOMER SUPPLIED |

### NOTES:

- 1) Fan not included. Fan type is specific to individual customer requirements and needs to be independently sourced.
- 2) Dimension A and B refers to component size.
- 3) Dimension C refers to the heat sink height from bottom of the base to the top of the fin field.
- 4) Dimension D refers to the size of thermal interface material (TIM) applied to heat sink.
- 5) Thermal data reference only. Actual performance may vary by application.
- 6) ATS reserves the right to update or change its products without notice.
- 7) Optional maxiGRIP™ Installation/Removal Tool Set P/N: MGT450
- 8) Contact ATS to learn about custom options available.



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visit [www.qats.com](http://www.qats.com) or call 781.769.2800**