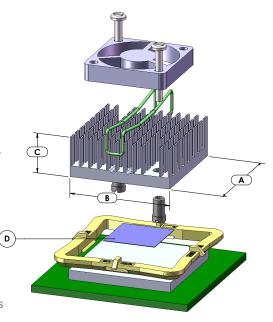


# ATS fanSINK™ with maxiGRIP™ Attachment

#### ATS PART # ATS-61425R-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 |  |
|-----------------------|------------|-------------|---------|--------------------|--|
| 40 mm x 40 mm x 10 mm | KD0504PFS1 | DIGI-KEY    | 5V      | 0.57 °C/W          |  |
| 40 mm x 40 mm x 10 mm | KD1204PFS1 | DIGI-KEY    | 12V     | 0.57 °C/W          |  |

### **Heat Sink Details**

| DIM A   | DIM B   | DIM C   | DIM D      | INTERFACE MATERIAL | FINISH         | ATTACHMENT | FAN               |
|---------|---------|---------|------------|--------------------|----------------|------------|-------------------|
| 42.5 mm | 42.5 mm | 19.5 mm | 27 x 27 mm | CHOMERICS T412     | BLACK ANODIZED | maxiGRIP™  | CUSTOMER SUPPLIED |

#### NOTES

- 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.
- ATS reserves the right to update or change its products without notice.
- 7) Optional maxiGRIP™ Installation/Removal Tool Set P/N: MGT425
- 8) Contact ATS to learn about custom options available.



For more information, to find a distributor or to place an order, visit www.qats.com or call 781.769.2800