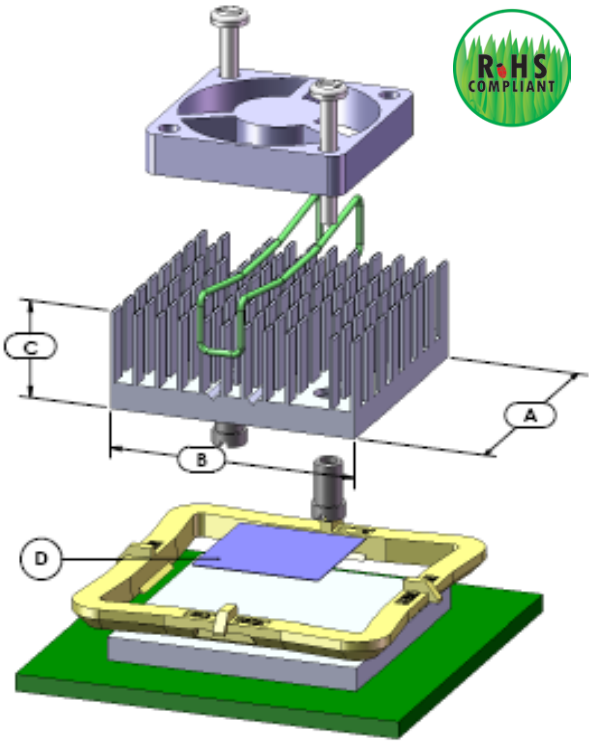
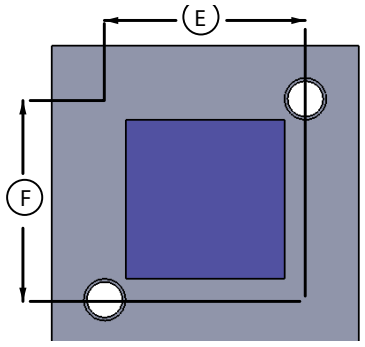
ATS fanSINK™ with maxiGRIP™ Attachment

ATS PART # ATS-61310D-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 24 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





Images 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
30 x 30 x 6.9 mm	GM0503PEV1-8	DIGI-KEY	5V	2.41 °C/W
30 x 30 x 10 mm	GM1203PFV1-8	DIGI-KEY	12V	2.36 °C/W

Heat Sink Details

DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	INTERFACE MATERIAL	FINISH	ATTACHMENT	FAN
31 mm	31 mm	9.5 mm	19x19 mm	24 mm	24 mm	Chomerics T412	Blk 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) Dimension E and F refers to hole spacing dimensions.
6) Thermal data reference only. Actual performance may vary by application.
7) ATS reserves the right to update or change its products without notice.
8) Optional maxiGRIP™ Installation/Removal Tool Set P/N: MGT310
9) 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