

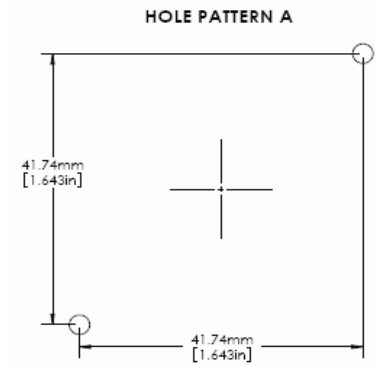
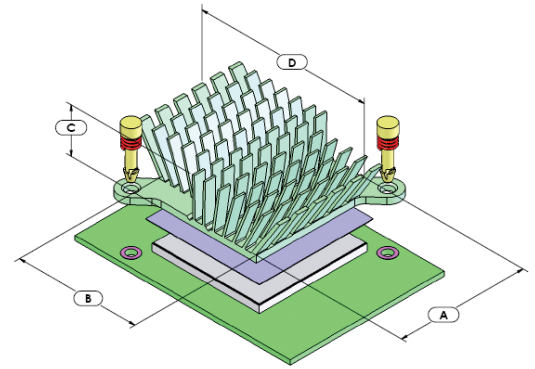
maxiFLOW™ Cross Cut High Performance Heat Sinks with Plastic Push Pin



ATS PART # ATS-1040-C1-R0

Features & Benefits

- » For larger heat sinks and higher pre-loads, push pins with compression springs are an effective mounting choice. The push pin has a flexible barb at the end that is designed to engage with a pre-drilled hole in a PWB. The compression spring adds the necessary force to hold the assembly together. Provides better thermal performance than comparable size straight fin and pin fin heat sinks
- » Features proven high performance maxiFLOW™ heat sink spread fin array to maximize cooling surfaces
- » Ideal for tight spaced components where wider heat sinks can't be used
- » Provided with pre-assembled thermal interface material centered on base
- » Nylon push pin with steel compression spring
- » Recommended through hole size in PCB is 3.00 mm



*Image above is for illustration purposes only.

Thermal Performance

| AIR VELOCITY | | THERMAL RESISTANCE (°C/W UNDUCTED) | |
|--------------|-----|------------------------------------|-------------------|
| FT/MIN | M/S | AIR FLOW STRAIGHT | AIR FLOW SIDEWAYS |
| 200 | 1.0 | 1.9 | 3.6 |
| 300 | 1.5 | 1.6 | 2.8 |
| 400 | 2.0 | 1.3 | 2.1 |
| 500 | 2.5 | 1.1 | 1.6 |
| 600 | 3.0 | 1 | 1.3 |

Product Details

| DIMENSION A | DIMENSION B | DIMENSION C | DIMENSION D | INTERFACE MATERIAL | FINISH |
|-------------|-------------|-------------|-------------|--------------------|----------------|
| 40 mm | 38 mm | 25 mm | 65 mm | CHOMERICS T-766 | GREEN 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
- 4) CONTACT ATS TO LEARN ABOUT CUSTOM OPTIONS AVAILABLE



ATS ADVANCED THERMAL SOLUTIONS, INC.
Innovations in Thermal Management®

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