

# Low Profile, High Performance Cooling Solutions w/Thermal Tape Attachment



ATS Part#: **ATS-60001-C1-R0**  
 Description: maxiFLOW™ Heat Sink, T412, BLUE-ANODIZED, 37.5MM COMP

Heat Sink Type: maxiFLOW  
 Heat Sink Attachment: THERMAL TAPE  
 Equivalent Part Number: ATS-60001-C2-R0

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

## Features & Benefits

- blueICE™ heat sinks feature an ultra low profile for tough-to-cool applications
- Designed for high performance in low air velocities
- Ideal for telecommunications applications where space is limited
- Comes pre-assembled with high performance thermal interface material

## Thermal Performance

| AIR VELOCITY       |               | @200 LFM<br>1.0 M/S | @300 LFM<br>1.5 M/S | @400 LFM<br>2.0 M/S | @500 LFM<br>2.5 M/S | @600 LFM<br>3.0 M/S | @700 LFM<br>3.5 M/S | @800 LFM<br>4.0 M/S |
|--------------------|---------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| THERMAL RESISTANCE | Unducted Flow | 7.80 °C/W           | 7.80 °C/W           | 6.10 °C/W           | 4.90 °C/W           | 4.10 °C/W           | 3.60 °C/W           | 3.10 °C/W           |
|                    | Ducted Flow   | 2.80                | n/a                 | n/a                 | n/a                 | n/a                 | n/a                 | n/a                 |

## Product Detail

| Schematic Image   | Dimension A | Dimension B | Dimension C | Dimension D | TIM  | Finish        |
|---|-------------|-------------|-------------|-------------|------|---------------|
|   | 37.6 mm     | 37.6 mm     | 4.0 mm      | 58.0 mm     | T412 | BLUE-ANODIZED |
| <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• Dimension <b>A</b> and <b>B</b> refer to heat sink length and width</li> <li>• Dimension <b>C</b> is the heat sink height from the bottom of the base to the top of the fin field.</li> <li>• ATS-60001-C2-R0 is the exact heat sink assembly with an equivalent thermal interface material (Saint Gobain C675).</li> <li>• Thermal performance data are provided for reference only. Actual performance may vary by application.</li> <li>• ATS reserves the right to update or change its products without notice to improve the design or performance.</li> <li>• ATS certifies that this heat sink assembly is RoHS-6 and REACH compliant.</li> <li>• Contact ATS to learn about custom options available.</li> </ul> |             |             |             |             |      |               |

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For more information, to find a distributor or to place an order, please contact us at 781-769-2800 (North America), [sales@qats.com](mailto:sales@qats.com) or [www.qats.com](http://www.qats.com).

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