BGA Heat Sink - High Performance Ultra Low Profile





ATS Part#: **ATS-60002-C1-R0**

Description: 58.20 x 61.00 x 5.50 mm BGA Heat Sink - High Performance Ultra Low Profile

Heat Sink Type: Ultra Low profile
Heat Sink Attachment: Thermal Tape
Equivalent Part Number: ATS-60002-C2-R0

*Image above is for illustration purpose only.

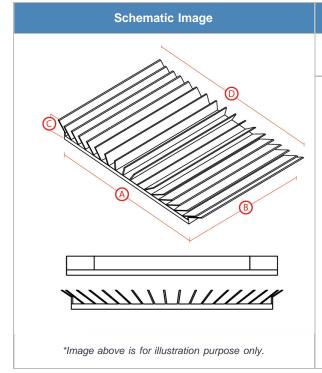
Features & Benefits

- bluelCE™ 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 preassembled with high performance thermal interface material

Thermal Performance

| AIR VELOCITY | | @200 LFM 1.0 M/S | @300 LFM 1.5 M/S | @400 LFM 2.0 M/S | @500 LFM 2.5 M/S | @600 LFM 3.0 M/S | @700 LFM 3.5 M/S | @800 LFM 4.0 M/S |
|--------------------|---------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| THERMAL RESISTANCE | Unducted Flow | 4 °C/W | 3.1 °C/W | 2.5 °C/W | 2.2 °C/W | 1.8 °C/W | 1.7 °C/W | 1.5 °C/W |
| | Ducted Flow | 2.3 | N/A | N/A | N/A | N/A | N/A | N/A |

Product Detail



| Dimension A | Dimension B | Dimension C | Dimension D | TIM | Finish |
|-------------|-------------|-------------|-------------|------|---------------|
| 58.20 mm | 61.00 mm | 5.50 mm | 66.3 mm | T412 | GOLD-ANODIZED |

Notes:

- Dimension A and B refer to component size.
- Dimension C is the heat sink height from the bottom of the base to the top of the fin field.
- ATS-60002-C2-R0 is the exact heat sink assembly with an equivalent thermal interface material (Saint-Gobain C675).
- Thermal performance data are provided for reference only. Actual performance may vary by application.
- ATS reserves the right to update or change its products without notice to improve the design or performance.
- ATS certifies that this heat sink assembly is RoHS-6 and REACH compliant.
- Contact ATS to learn about custom options available.



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