BGA Heat Sink - High Performance Ultra Low Profile





ATS Part#: **ATS-60000-C1-R0**

Description: 25.20 x 25.20 x 4.00 mm BGA Heat Sink - High Performance Ultra Low Profile

Heat Sink Type: Ultra Low profile
Heat Sink Attachment: Thermal Tape
Equivalent Part Number: ATS-60000-C2-R0

*Image above is for illustration purpose only.

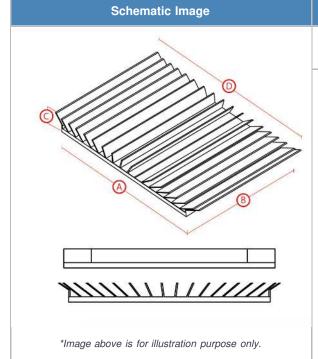
Features & Benefits

- 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 | 14.8 °C/W | 11.6 °C/W | 9.6 °C/W | 8 °C/W | 6.9 °C/W | 5.9 °C/W | 5.3 °C/W |
| | Ducted Flow | 7.8 | N/A | N/A | N/A | N/A | N/A | N/A |

Product Detail



| Dimension A | Dimension B | Dimension C | Dimension D | TIM | Finish |
|-------------|-------------|-------------|-------------|------|---------------|
| 25.20 mm | 25.20 mm | 4.00 mm | 34.8 mm | T412 | BLUE-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-60000-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.

