BGA Heat Sink - High Performance Cross-Cut Tape On





ATS Part#: **ATS-55170K-C1-R0**

Description: 17.00 x 17.00 x 14.50 mm BGA Heat Sink - High Performance Cross-Cut Tape On

Heat Sink Type: Cross-cut
Heat Sink Attachment: Tape On

Equivalent Part Number: ATS-55170K-C2-R0

*Image above is for illustration purpose only.

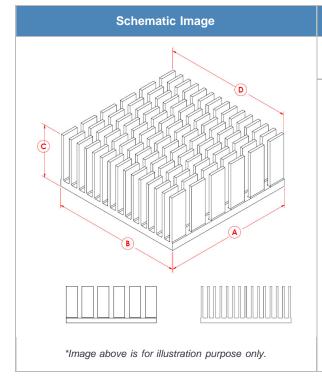
Features & Benefits

- High efficiency cross-cut fin design provides low pressure drop characteristics
- Large surface area increases heat sink performance
- Designed for BGAs and surface mount packages
- · 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 | 15.5 °C/W | NA °C/W | NA °C/W | NA °C/W | NA °C/W | NA °C/W | NA °C/W |
| | Ducted Flow | 0 | N/A | N/A | N/A | N/A | N/A | N/A |

Product Detail



| Dimension A | Dimension B | Dimension C | Dimension D | TIM | Finish | |
|-------------|-------------|-------------|-------------|------|----------------|--|
| 17.00 mm | 17.00 mm | 14.50 mm | N/A mm | T412 | BLACK-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-55170K-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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