# **BGA Heat Sink - High Performance Straight Fin w/maxiGRIP**





ATS Part#: ATS-53310K-C1-R0

Description: 31.00 x 31.00 x 14.50 mm BGA Heat Sink - High Performance Straight Fin

w/maxiGRIP

Heat Sink Type: Straight Fin
Heat Sink Attachment: maxiGRIP

Equivalent Part Number: ATS-53310K-C2-R0 Discontinued

\*Image above is for illustration purpose only.

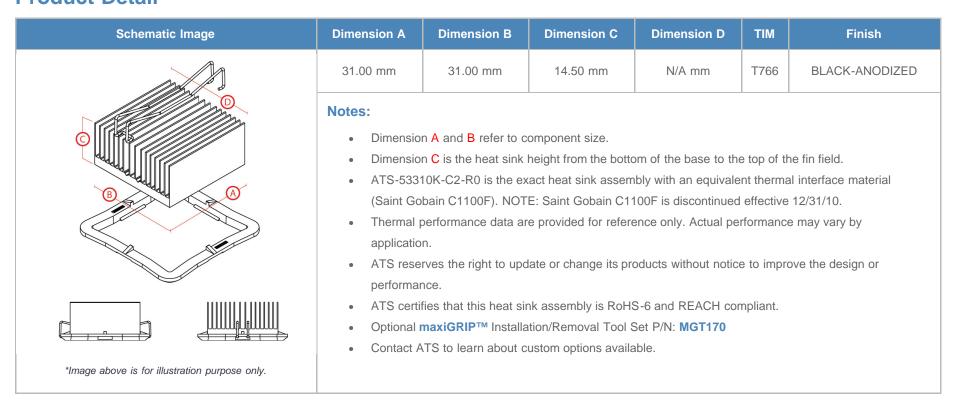
#### **Features & Benefits**

- High aspect ratio, straight fin heat sinks that are ideal for compact PCB environments
- maxiGRIP™ attachment applies steady, even pressure to the component and does not require holes in the PCB
- Designed specifically for BGAs and other surface mount packages
- Meets Telcordia GR-63-Core Office Vibration; ETSI 300 019 Transportation Vibration; and MIL-STD-810 Shock Testing and Unpackaged Drop Testing standards
- Comes preassembled with high performance, phase changing, 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 | 6.2 °C/W            | 4.6 °C/W            | 3.9 °C/W            | 3.4 °C/W            | 3.1 °C/W            | 2.9 °C/W            | 2.7 °C/W            |
|                    | Ducted Flow   | 3.3                 | N/A                 | N/A                 | N/A                 | N/A                 | N/A                 | N/A                 |

### **Product Detail**





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