# **BGA Heat Sink - High Performance Ultra Low Profile**





ATS Part#: **ATS-60001-C1-R0** 

Description: 37.60 x 37.60 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-60001-C2-R0

\*Image above is for illustration purpose only.

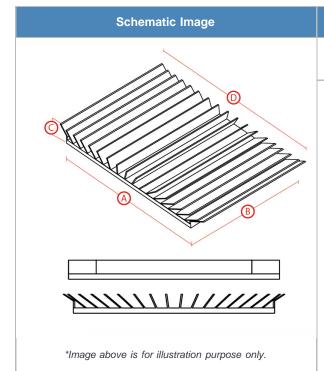
### **Features & Benefits**

- 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	7.8 °C/W	6.1 °C/W	4.9 °C/W	4.1 °C/W	3.6 °C/W	3.1 °C/W	2.8 °C/W
	Ducted Flow	3.8	N/A	N/A	N/A	N/A	N/A	N/A

## **Product Detail**



Dimension A	Dimension B	Dimension C	Dimension D	TIM	Finish
37.60 mm	37.60 mm	4.00 mm	56 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-60001-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.

