

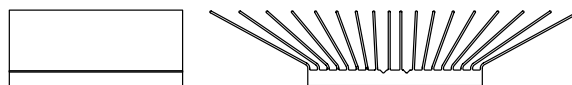
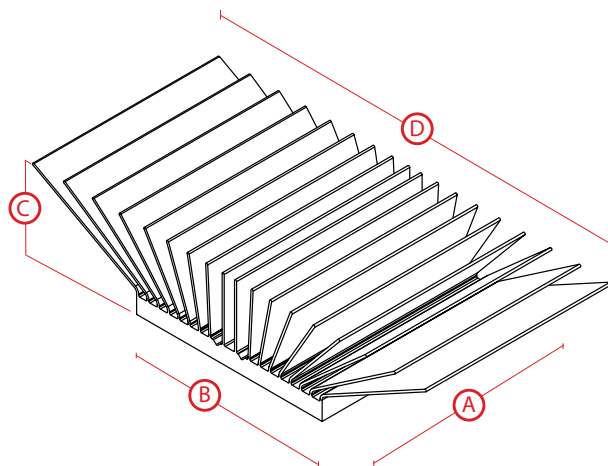


# Ultra High Performance BGA Cooling Solutions w/ Thermal Tape Attachment

**ATS PART # ATS-52210G-C2-R0**

## Features & Benefits

- » maxiFLOW™ design features a low profile, spread fin array that maximizes surface area for more effective convection (air) cooling
- » Fabricated from extruded aluminum, which minimizes thermal resistance from the base to the fins, reduces weight and keeps costs low
- » Higher performance helps ensure reliable product life at a lower cost than other extruded heat sinks



*\*Image above is for illustration purposes only.*

## Thermal Performance

| AIR VELOCITY |     | THERMAL RESISTANCE   |                    |
|--------------|-----|----------------------|--------------------|
| FT/MIN       | M/S | °C/W (UNDUCTED FLOW) | °C/W (DUCTED FLOW) |
| 200          | 1.0 | 7.2                  | 5.7                |
| 300          | 1.5 | 5.9                  |                    |
| 400          | 2.0 | 5.1                  |                    |
| 500          | 2.5 | 4.6                  |                    |
| 600          | 3.0 | 4.2                  |                    |
| 700          | 3.5 | 3.9                  |                    |
| 800          | 4.0 | 3.7                  |                    |

## Product Details

| DIMENSION A | DIMENSION B | DIMENSION C | DIMENSION D | INTERFACE MATERIAL | FINISH        |
|-------------|-------------|-------------|-------------|--------------------|---------------|
| 21 mm       | 21 mm       | 12.5 mm     | 38.2 mm     | SAINT-GOBAIN C675  | BLUE-ANODIZED |

### NOTES:

- 1) Dimension C = heat sink height from bottom of the base to the top of the fin field.
- 2) Thermal performance data are provided for reference only. Actual performance may vary by application.
- 3) ATS reserves the right to update or change its products without notice to improve the design or performance.
- 4) Contact ATS to learn about custom options available.



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