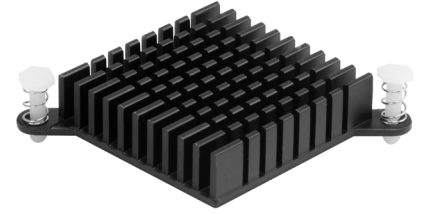




MODEL: HSB30-373710 | **DESCRIPTION:** HEAT SINK

FEATURES

- BGA design
- low profile
- aluminum alloy



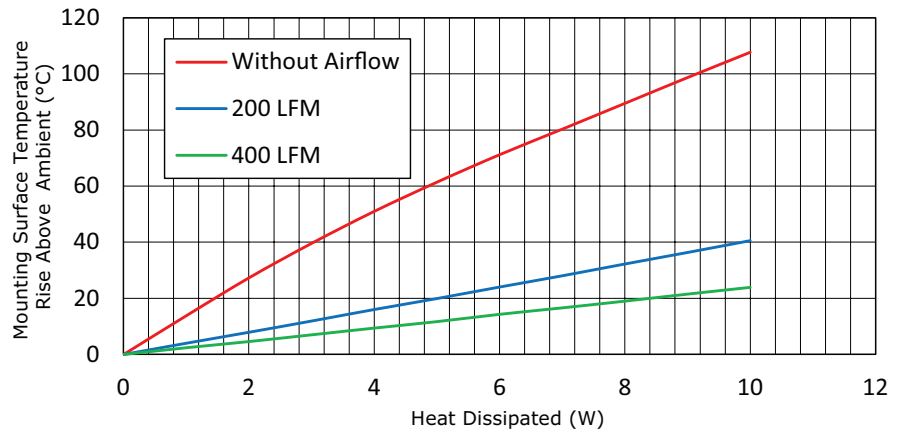
MODEL

| HSB30-373710 | thermal resistance ¹ | | | | power dissipation ¹ |
|--------------|---------------------------------|------------------------|-----------------------|-----------------------|--------------------------------|
| | @ 75°C ΔT, nat conv [°C/W] | @ 1 W, nat conv [°C/W] | @ 1 W, 200 LFM [°C/W] | @ 1 W, 400 LFM [°C/W] | @ 75°C ΔT, nat conv [W] |
| | 11.63 | 13.8 | 4.0 | 2.4 | 6.45 |

Note: 1. See performance curves for full thermal resistance details.

PERFORMANCE CURVES

| Power [W] | Heatsink Temperature Rise Above Ambient (ΔT = T _{hs} - T _a) [°C] | | |
|-----------|---|---------|---------|
| | Natural Conv. | 200 LFM | 400 LFM |
| 0 | 0 | 0 | 0 |
| 1 | 13.8 | 4.0 | 2.4 |
| 2 | 27.3 | 7.9 | 4.6 |
| 3 | 39.6 | 11.9 | 7.0 |
| 4 | 51.0 | 16.0 | 9.4 |
| 5 | 61.4 | 19.9 | 11.7 |
| 6 | 71.2 | 24.0 | 14.3 |
| 7 | 80.3 | 28.0 | 16.6 |
| 8 | 89.5 | 32.2 | 19.0 |
| 9 | 98.7 | 36.3 | 21.5 |
| 10 | 107.7 | 40.5 | 23.9 |

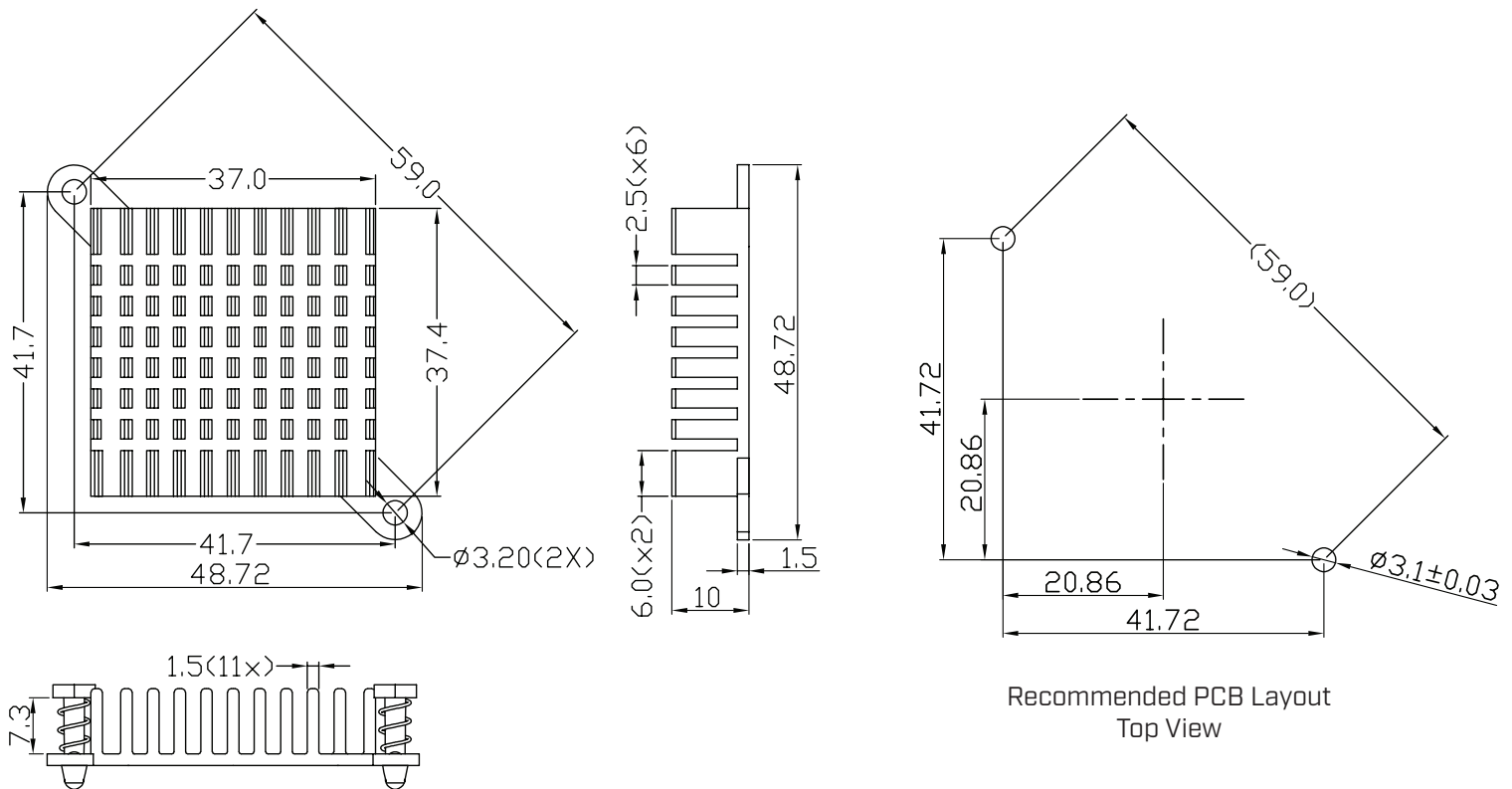


T_{hs}: "hot spot" temperature measured on the heatsink
 T_a: ambient temperature

MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

| | |
|----------|-----------------------------|
| MATERIAL | AL 6063-T5 |
| FINISH | black anodized |
| PUSH PIN | PA66 |
| SPRING | spring steel, nickel plated |
| WEIGHT | 20.8 g |



REVISION HISTORY

| rev. | description | date |
|------|-----------------------------------|------------|
| 1.0 | initial release | 04/22/2022 |
| 1.01 | logo, datasheet style update | 08/05/2022 |
| 1.02 | CUI Devices rebranded to Same Sky | 09/12/2024 |

The revision history provided is for informational purposes only and is believed to be accurate.



Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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