

**MODEL:** HSS06-C20-P32 | **DESCRIPTION:** HEAT SINK**FEATURES**

- TO-220 package
- solder pin
- copper alloy
- tin plated

**MODEL**

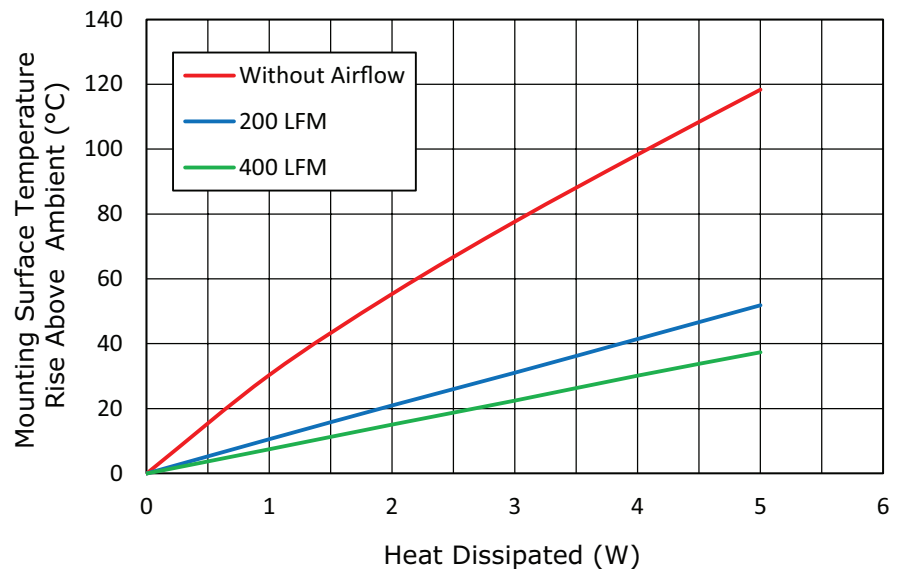
|               | thermal resistance <sup>1</sup> |                        |                       |                       | power dissipation <sup>1</sup> |
|---------------|---------------------------------|------------------------|-----------------------|-----------------------|--------------------------------|
|               | @ 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]        |
| HSS06-C20-P32 | 25.35                           | 30.4                   | 10.6                  | 7.5                   | 2.96                           |

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

**PERFORMANCE CURVES**

| Power [W] | Heatsink Temperature Rise Above Ambient (ΔT = T <sub>hs</sub> - T <sub>a</sub> ) [°C] |         |         |
|-----------|---------------------------------------------------------------------------------------|---------|---------|
|           | Natural Conv.                                                                         | 200 LFM | 400 LFM |
| 0         | 0                                                                                     | 0       | 0       |
| 1         | 30.4                                                                                  | 10.6    | 7.5     |
| 2         | 55.4                                                                                  | 21.0    | 15.1    |
| 3         | 77.7                                                                                  | 31.1    | 22.5    |
| 4         | 98.4                                                                                  | 41.5    | 30.2    |
| 5         | 118.4                                                                                 | 51.9    | 37.4    |

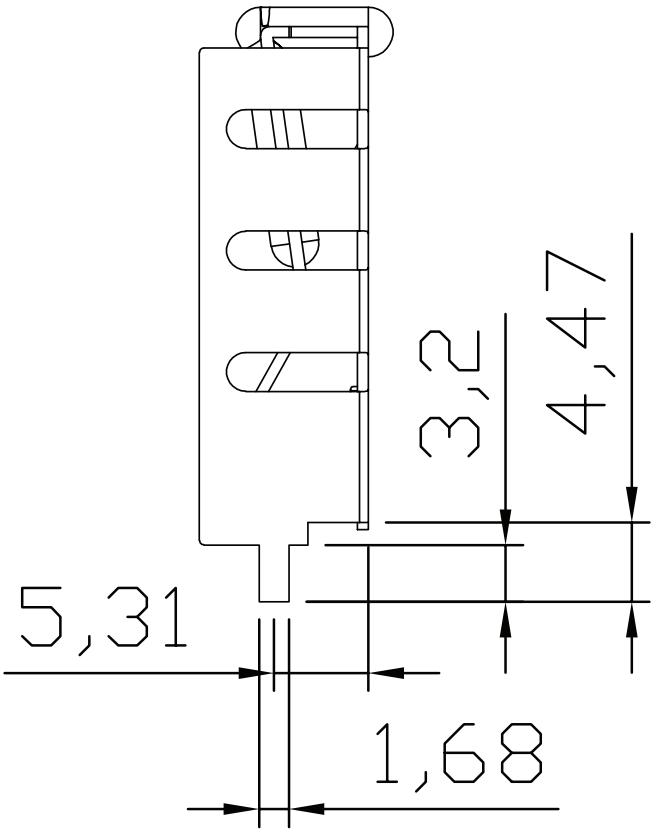
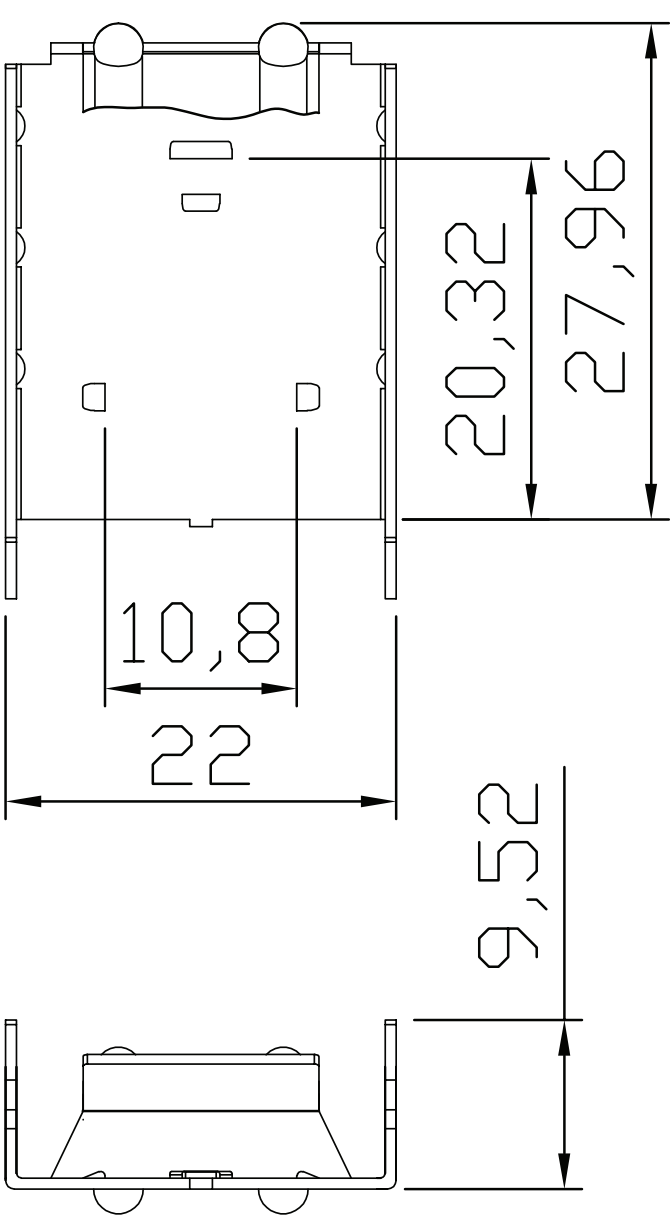
T<sub>hs</sub>: "hot spot" temperature measured on the heatsink  
T<sub>a</sub>: ambient temperature



MECHANICAL DRAWING

units: mm  
tolerance: ±0.25 mm

|           |        |
|-----------|--------|
| MATERIAL  | C1100  |
| FINISH    | tin    |
| THICKNESS | 0.6 mm |
| WEIGHT    | 7.7 g  |



REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 06/25/2021 |
| 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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