



**MODEL:** HSB32-232318 | **DESCRIPTION:** HEAT SINK

**FEATURES**

- BGA design
- aluminum alloy
- black anodized finish



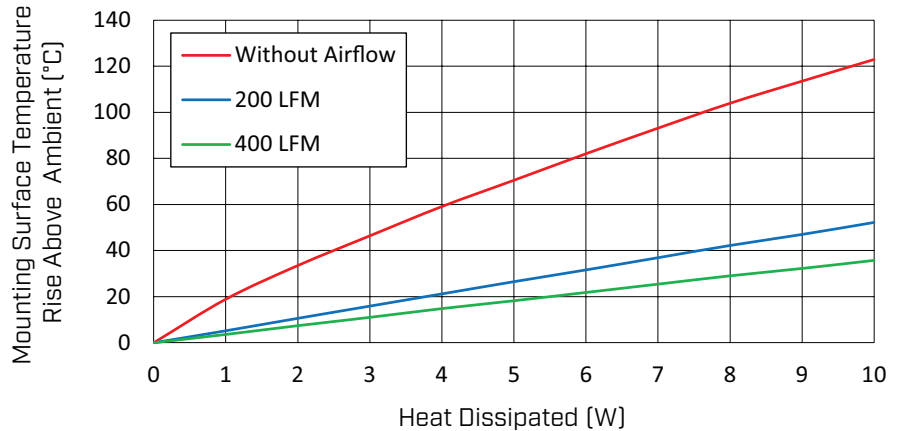
**MODEL**

HSB32-232318	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]
	13.86	18.9	5.2	3.6	5.41

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	18.9	5.2	3.6
2	33.5	10.6	7.4
3	46.4	15.9	11.0
4	59.1	21.2	14.8
5	70.5	26.5	18.2
6	82.0	31.6	21.8
7	93.1	36.9	25.4
8	103.9	42.2	29.0
9	113.5	47.0	32.2
10	122.9	52.2	35.7

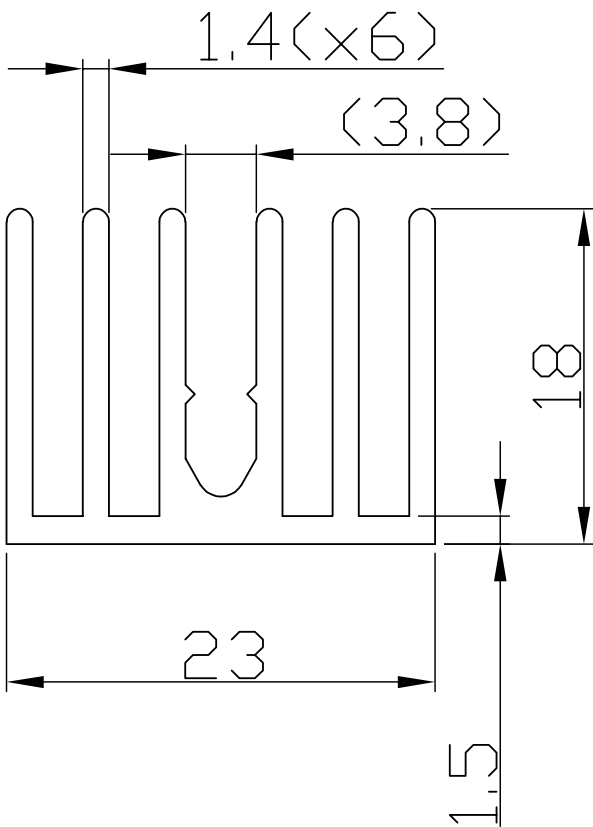
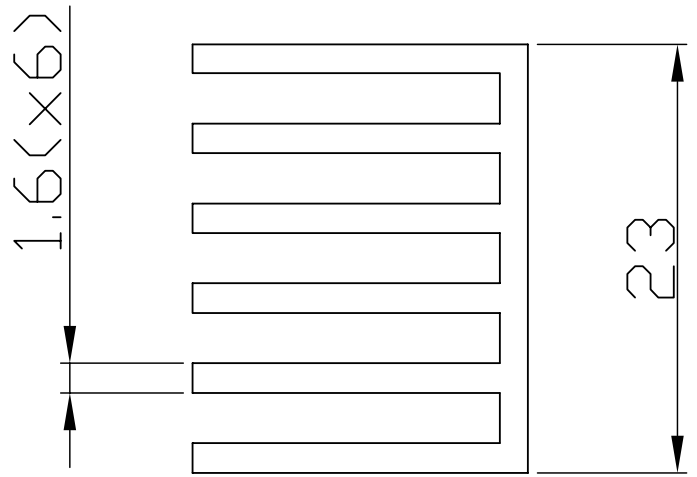
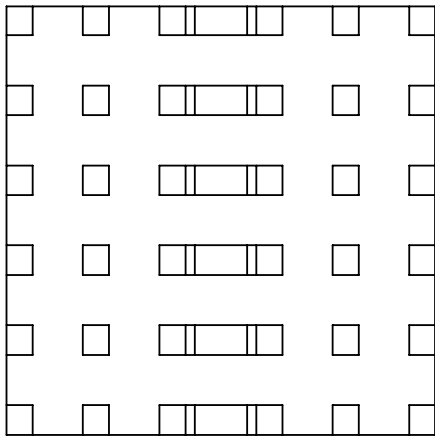


T<sub>hs</sub>: "hot spot" temperature measured on the heatsink  
 T<sub>a</sub>: ambient temperature

## MECHANICAL DRAWING

units: mm  
 tolerance:  
 X.X ±0.10 mm  
 X.XX ±0.05 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	14 g



## REVISION HISTORY

rev.	description	date
1.0	initial release	03/01/2024
1.01	CUI Devices rebranded to Same Sky	09/12/2024
1.02	factory location change	02/24/2026

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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