



**MODEL:** HSB34-282811 | **DESCRIPTION:** HEAT SINK

**FEATURES**

- BGA design
- low profile
- aluminum alloy
- black anodized finish



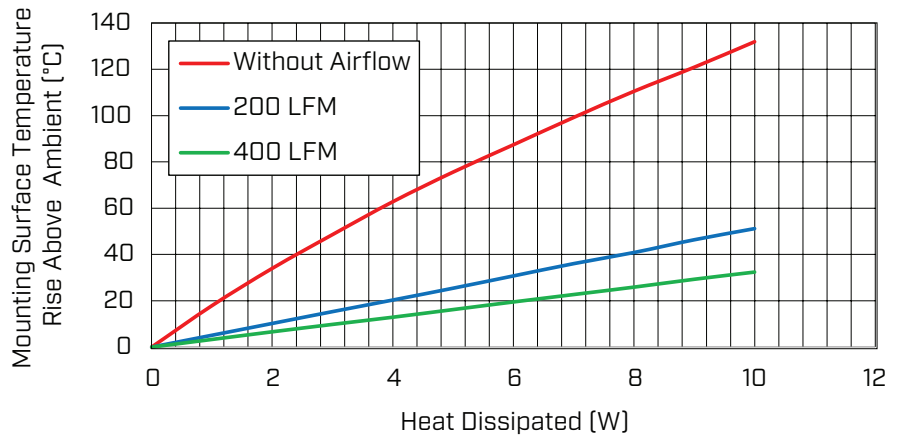
**MODEL**

HSB34-282811	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]
	15.05	17.9	5.1	3.3	4.98

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	17.9	5.1	3.3
2	34.0	10.2	6.6
3	48.6	15.3	9.8
4	62.8	20.3	12.9
5	75.6	25.4	16.2
6	87.4	30.7	19.5
7	99.2	36.0	22.7
8	110.5	40.8	25.9
9	120.9	46.3	29.3
10	131.9	51.1	32.4

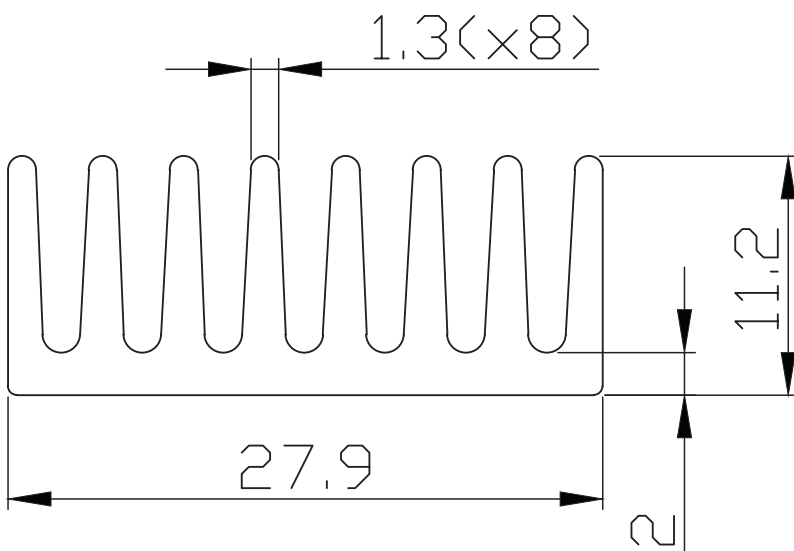
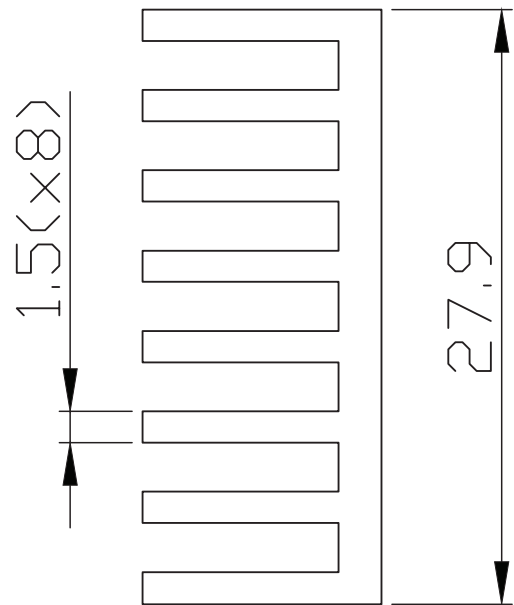
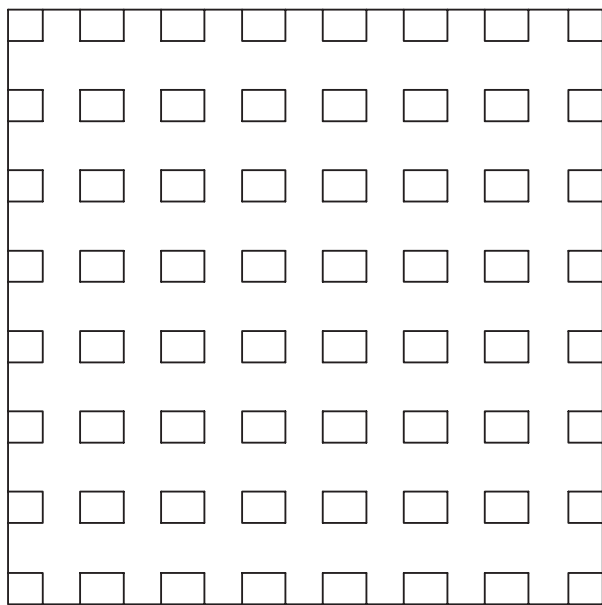


T<sub>hs</sub>: "hot spot" temperature measured on the heatsink  
 T<sub>a</sub>: ambient temperature

## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.50$  mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	9 g



## REVISION HISTORY

rev.	description	date
1.0	initial release	03/01/2024
1.01	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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