

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

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

**MODEL**

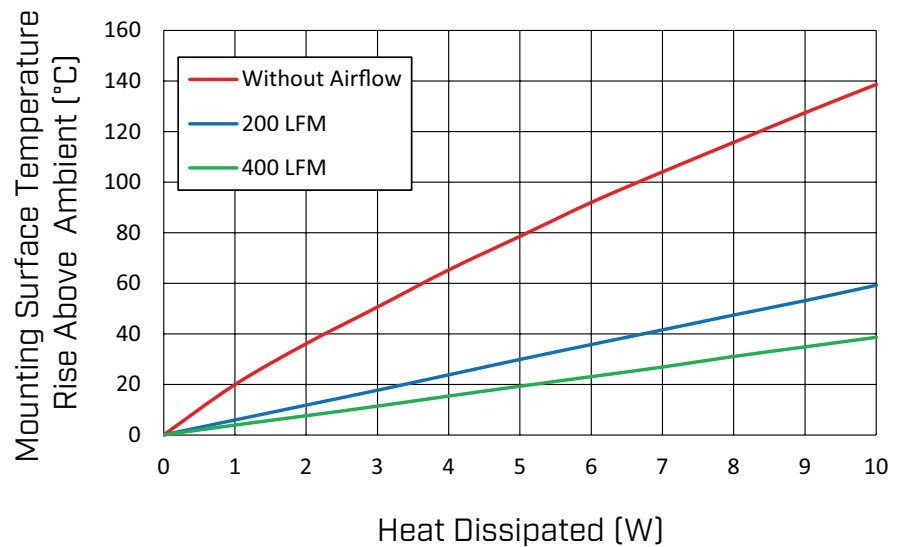
	thermal resistance ¹				power dissipation ¹
	@ 75°C ΔT , nat conv [°C/W]	@ 1 W, nat conv [°C/W]	@ 1 W, 200 LFM [°C/W]	@ 1 W, 400 LFM [°C/W]	@ 75°C ΔT , nat conv [W]
HSB34-282811	15.73	19.9	5.9	3.9	4.77

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

PERFORMANCE CURVES

Power [W]	Heatsink Temperature Rise Above Ambient ($\Delta T = T_{hs} - T_a$) [°C]		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	19.9	5.9	3.9
2	36.1	11.8	7.6
3	50.6	17.7	11.4
4	65.3	23.8	15.4
5	78.6	29.9	19.3
6	92.0	35.8	23.1
7	104.1	41.6	26.9
8	115.8	47.5	31.1
9	127.5	53.2	34.9
10	138.7	59.3	38.7

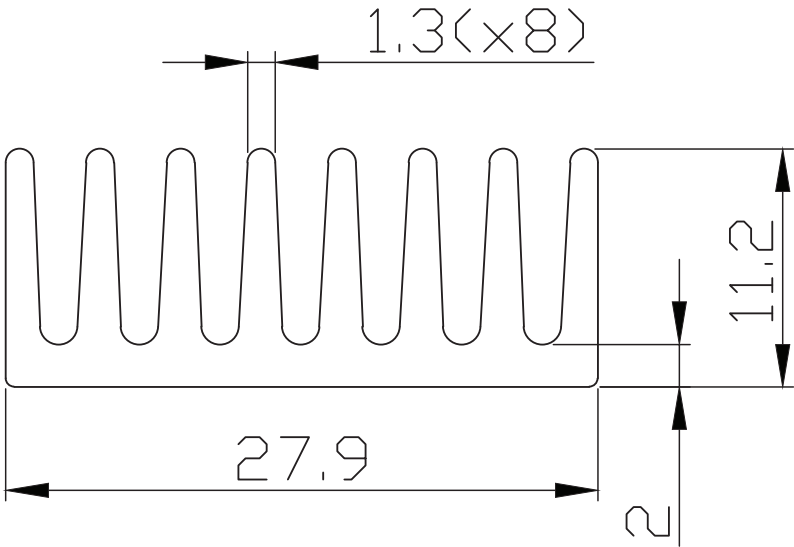
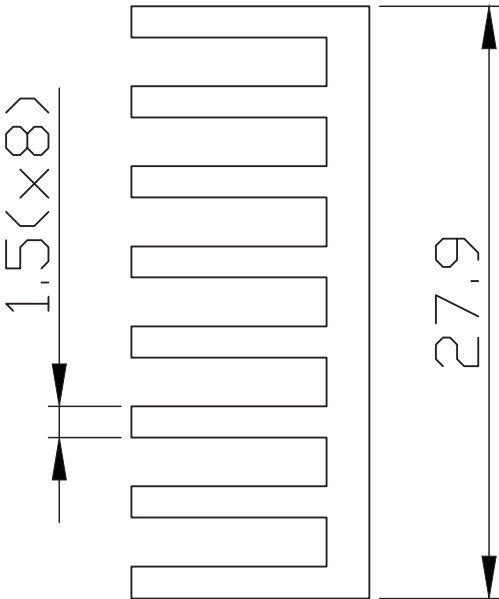
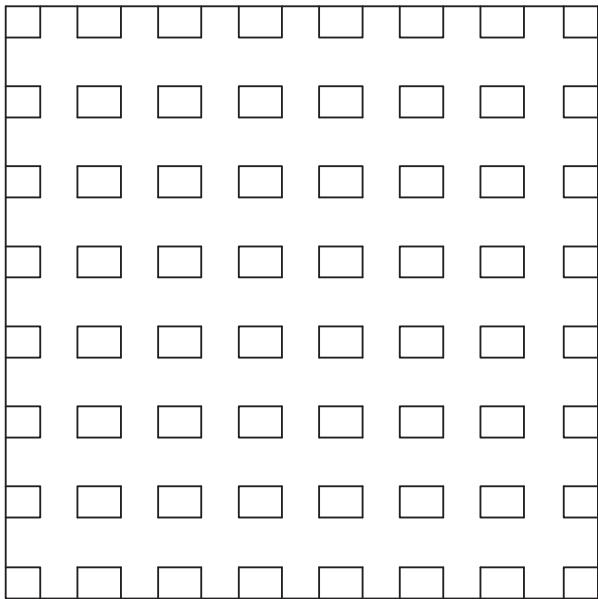
T_{hs} : "hot spot" temperature measured on the heatsink
 T_a : ambient temperature



MECHANICAL DRAWING

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

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	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
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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