

**MODEL:** HSB35-272725 | **DESCRIPTION:** HEAT SINK**FEATURES**

- BGA design
- aluminum alloy
- black anodized finish

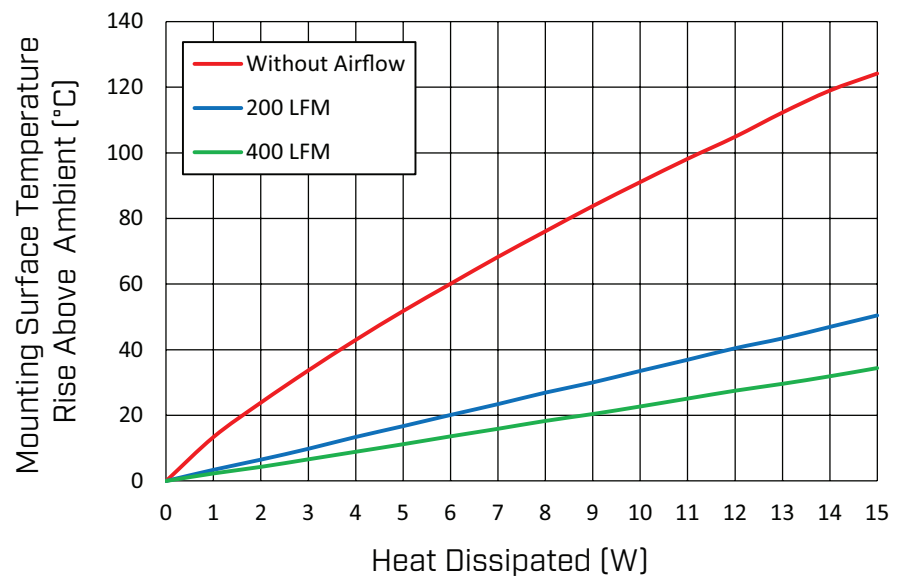
**MODEL**

	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]
HSB35-272725	9.49	13.4	3.4	2.3	7.91

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	13.4	3.4	2.3
2	23.9	6.5	4.3
3	33.7	9.8	6.6
4	43.0	13.4	8.9
5	51.8	16.7	11.2
6	60.1	20.1	13.6
7	68.3	23.4	15.9
8	76.1	26.9	18.3
9	83.8	30.0	20.4
10	91.1	33.5	22.7
11	98.2	36.9	25.1
12	104.9	40.4	27.5
13	112.3	43.4	29.6
14	119.0	46.9	31.9
15	124.2	50.4	34.4

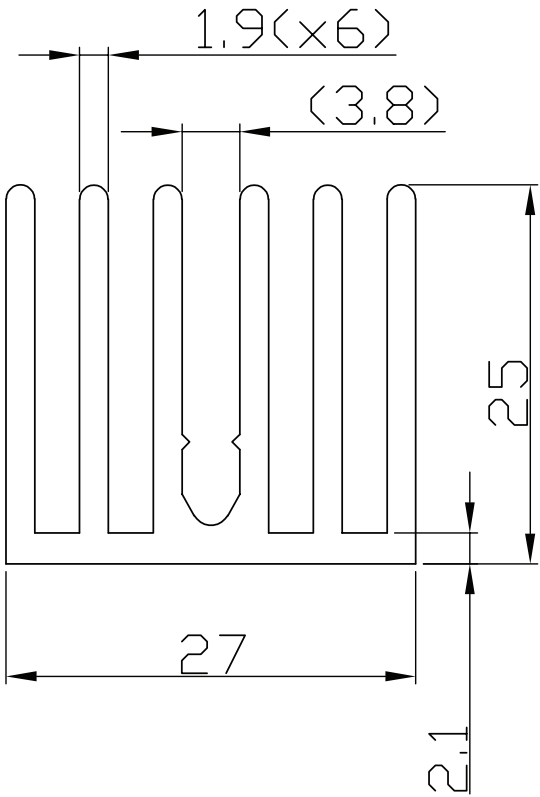
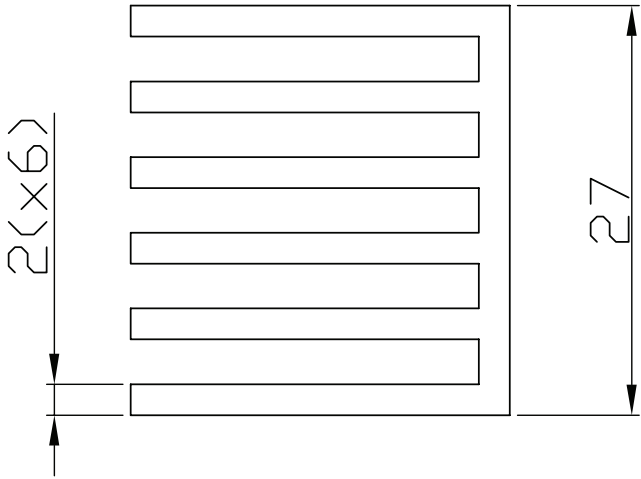
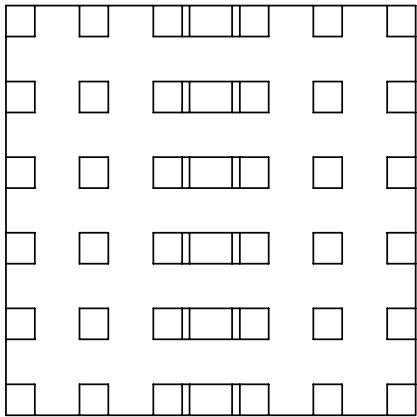


T_{hs} : "hot spot" temperature measured on the heatsink
 T_a : ambient temperature

MECHANICAL DRAWING

units: mm
tolerance:
X.X ±0.1 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	02/05/2026

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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