



MODEL: HSB33-272710 | **DESCRIPTION:** HEAT SINK

FEATURES

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



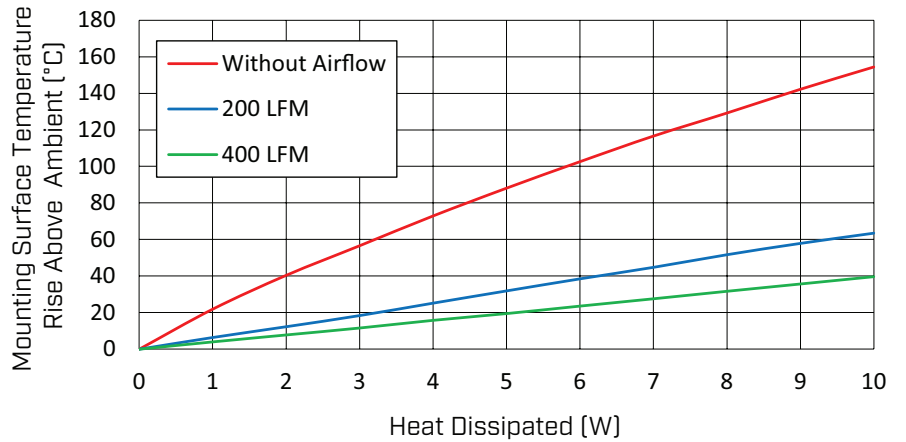
MODEL

	thermal resistance ¹				power dissipation ¹ @ 75°C ΔT, nat conv [W]
	@ 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]	
HSB33-272710	18.13	21.9	6.4	4.0	4.14

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

PERFORMANCE CURVES

Power (W)	Heatsink Temperature Rise Above Ambient (ΔT = T _{hs} - T _a) [°C]		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	21.9	6.4	4.0
2	40.4	12.3	7.8
3	56.6	18.4	11.6
4	72.9	25.2	15.8
5	88.1	31.9	19.5
6	102.6	38.5	23.6
7	116.6	44.8	27.6
8	129.2	51.7	31.7
9	142.2	57.9	35.7
10	154.4	63.5	39.7

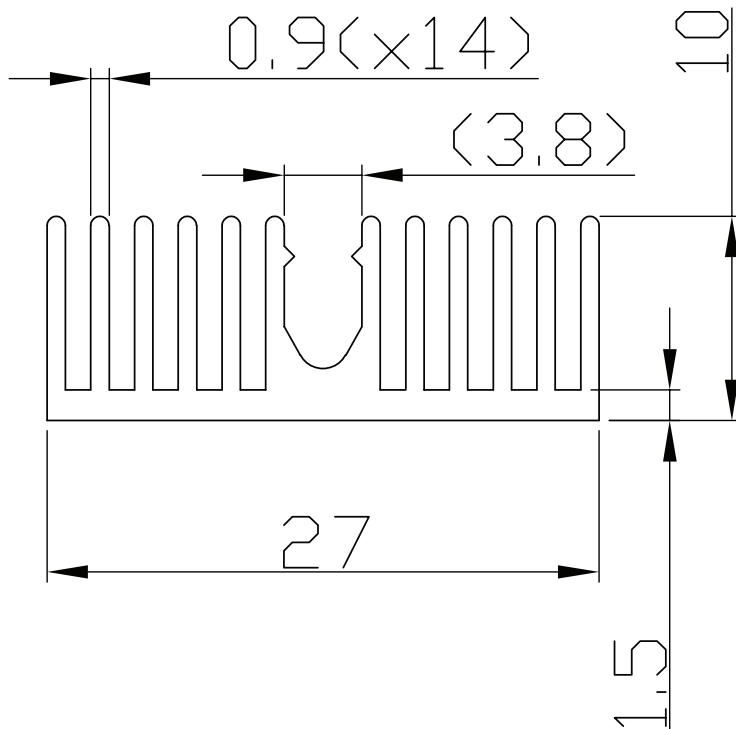
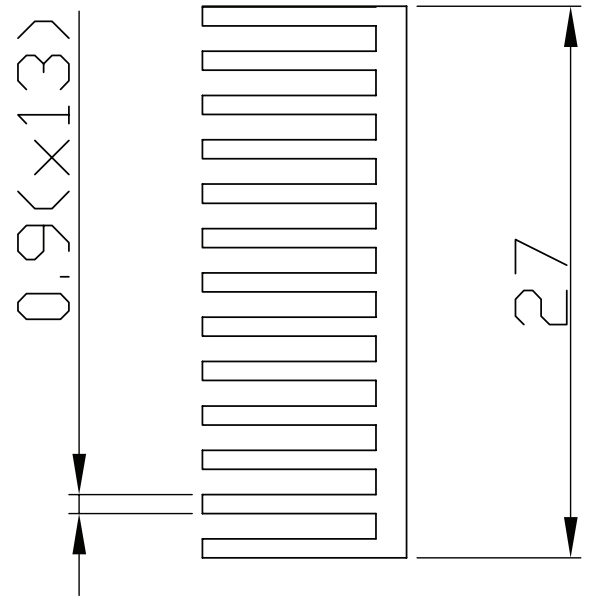
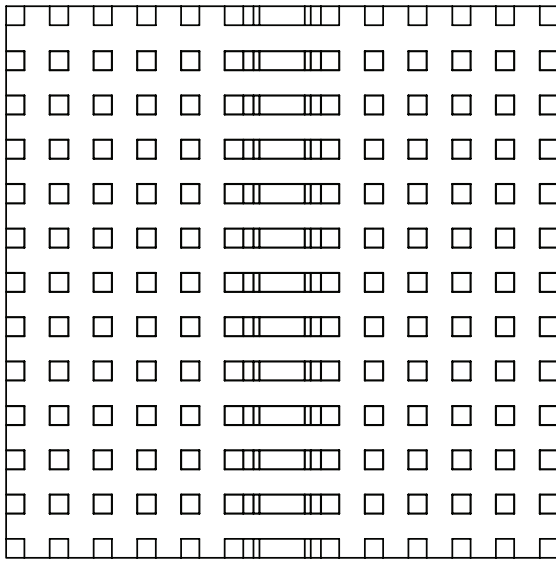


T_{hs}: "hot spot" temperature measured on the heatsink
T_a: ambient temperature

MECHANICAL DRAWING

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

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	6 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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