

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

FEATURES

- BGA design
- aluminum alloy
- black anodized finish



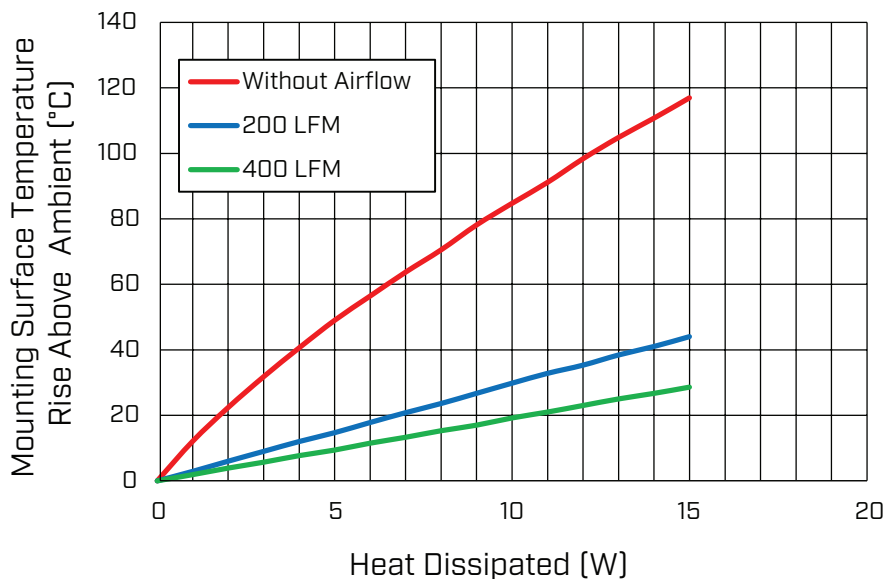
MODEL

	thermal resistance ¹				power dissipation ¹ @ 75°C ΔT, nat conv [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]	
HSB35-272725	8.74	12.1	2.9	1.9	8.59

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	12.1	2.9	1.9
2	22.4	6.0	3.9
3	31.8	9.0	5.7
4	40.6	12.0	7.7
5	49.0	14.7	9.4
6	56.4	17.8	11.5
7	63.7	20.8	13.3
8	70.5	23.6	15.3
9	78.1	26.7	17.0
10	84.7	29.8	19.2
11	91.1	32.8	21.0
12	98.3	35.3	23.0
13	104.8	38.4	25.0
14	110.7	41.0	26.7
15	116.9	44.0	28.6

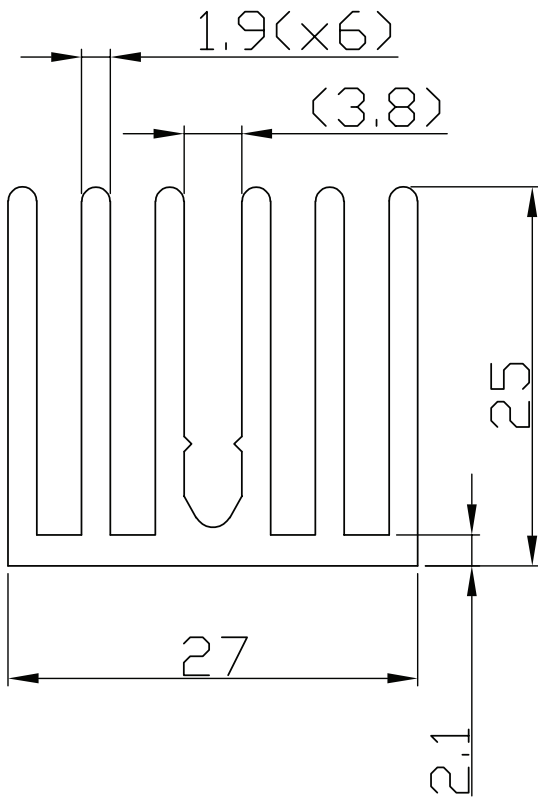
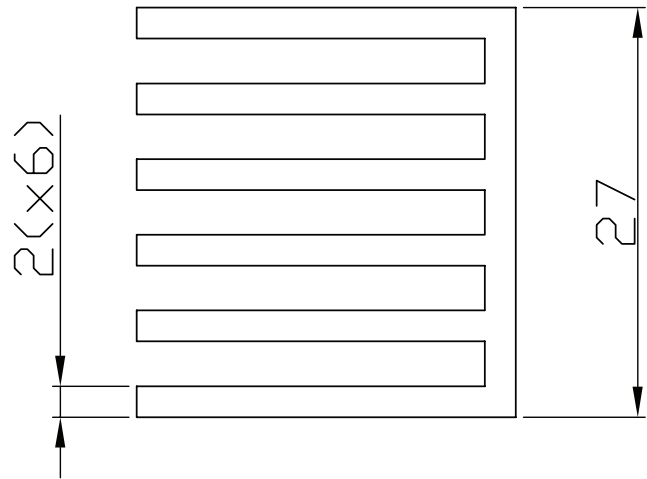
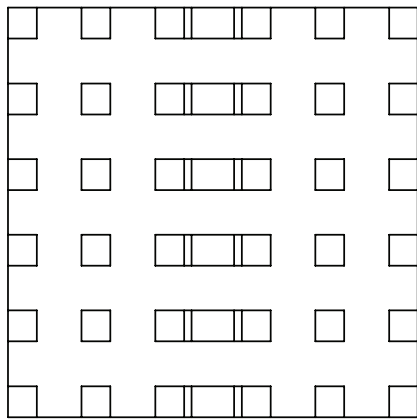


T_{hs}: "hot spot" temperature measured on the heatsink
T_a: ambient temperature

MECHANICAL DRAWING

units: mm
tolerance: ±0.50 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	14 g



REVISION HISTORY

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

The revision history provided is for informational purposes only and is believed to be accurate.



CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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