

MODEL: HSB20-353525 | **DESCRIPTION:** HEAT SINK CLIP

FEATURES

- BGA design
- top mount
- aluminum alloy
- black anodized finish



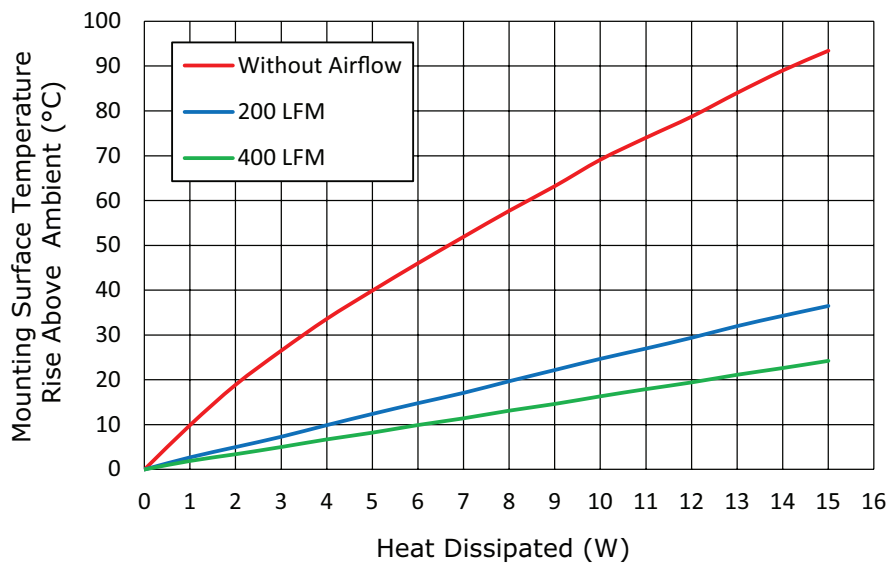
MODEL

	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]	
HSB20-353525	6.65	9.9	2.7	1.9	11.28

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	9.9	2.7	1.9
2	18.9	5.0	3.4
3	26.5	7.3	5.0
4	33.6	9.9	6.7
5	39.9	12.4	8.2
6	46.0	14.8	9.9
7	51.9	17.1	11.4
8	57.7	19.7	13.1
9	63.2	22.2	14.6
10	69.1	24.7	16.3
11	74.0	27.0	17.9
12	78.7	29.4	19.4
13	84.0	32.0	21.1
14	89.0	34.3	22.6
15	93.4	36.5	24.2

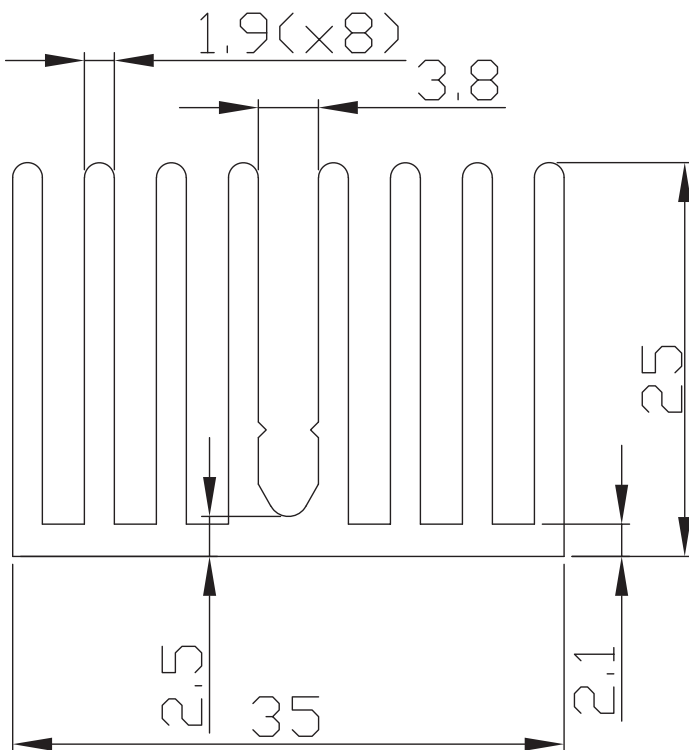
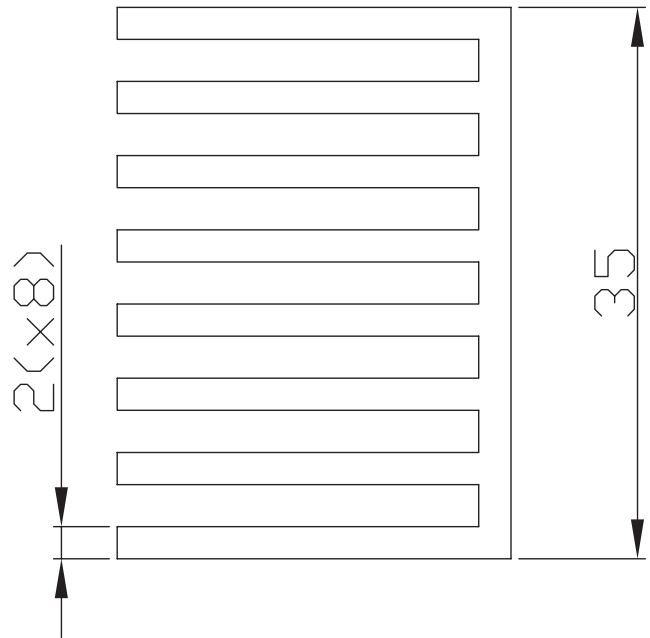
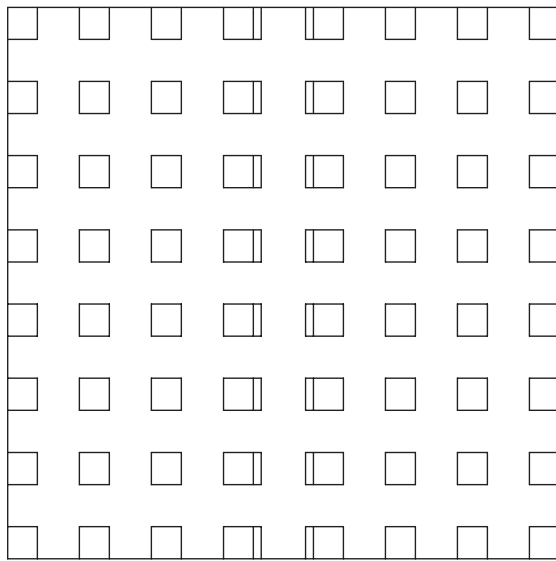


T_{hs}: "hot spot" temperature measured on the heatsink
T_a: ambient temperature

MECHANICAL DRAWING

units: mm
tolerance: ±0.38 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	20.0 g



REVISION HISTORY

rev.	description	date
1.0	initial release	06/24/2021
1.01	logo, datasheet style update	08/05/2022

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



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